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Surface Water Data

Alberta

Données sur les eaux de surface

1987

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1988

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1988

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Calgary, Alberta.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Calgary (Alberta).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization and History of Hydrometric Survey Operations	iv
Co-operation and Acknowledgments	v
Equivalents of Measure	vi
Definition of Terms and Abbreviations	vii
Publication of Surface Water and Sediment Data	vii
Method of Tabulation of Surface Water Data	ix
Revisions	xi
Accuracy of Hydrometric Data	xii
Microfiche	xii
Surface Water Data, Gauging Stations in Alphabetical Order	1
Alphabetical Index	273
Station Number Index	279

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1987 calendar year, the results of the hydrometric survey investigations which were made in Alberta by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to

Water Resources Branch
Department of the Environment,
Bag 2909
Postal Station 'M'
(Room 854
220-4th Avenue S.E.)
Calgary, Alberta
T2P 2M7
(403 292-5315)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3(819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1987, the hydrometric surveys in Alberta were conducted by the Water Survey of Canada under agreement with the Province of Alberta. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

TABLE DES MATIÈRES

	PAGE
Préface	iii
Introduction	iv
Organisation et historique des relevés hydrométriques	iv
Coopération et remerciements	v
Équivalences des unités de mesure	vi
Définitions des termes et abréviations	vii
Publication des données sur les eaux de surface et les sédiments	vii
Présentation sous forme de tableaux des données sur les eaux de surface	ix
Révisions	xi
Exactitude des données hydrométriques	xii
Microfiche	xii
Données sur les eaux de surface – Stations de jaugeage énumérées dans l'ordre alphabétique	1
Index alphabétique	273
Index numérique des stations	279

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1987, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Alberta.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées.

Direction des ressources en eau
Ministère de l'Environnement
Sac postal 2909
Succursale postale 'M'
(Pièce 854,
220, Quatrième avenue S.-E.)
Calgary (Alberta)
T2P 2M7
(403 292-5315)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3(819 997-2098).

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1987, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Alberta en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Alberta to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Alberta for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Alberta on April 15, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de l'Alberta a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord à pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 15 avril 1975, le gouvernement de l'Alberta a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Public Works;
Department of Agriculture, Research Branch.

Provincial – Alberta Forest Service;
Department of the Environment, Water Resources Branch, Alberta;
St. Mary-Milk River Development Commission, Alberta.

Municipal – City of Calgary, Alberta.

Private – Western Irrigation District;
Eastern Irrigation District;
United Irrigation District;
Lethbridge Northern Irrigation District;
Northern Transportation Company;
Syncrude Canada Limited;
TransAlta Utilities Corporation;
Canadian Utilities Limited;
North Western Pulp and Power Limited;
St. Mary River Irrigation District.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Travaux publics,
Direction de la recherche du ministère de l'Agriculture.

Niveau provincial – *Alberta Forest Service*,
Direction des ressources en eau du ministère de l'Environnement de l'Alberta,
St. Mary-Milk River Development Commission, Alberta.

Niveau municipal – Ville de Calgary, Alberta.

Secteur privé – *Western Irrigation District*,
Eastern Irrigation District,
United Irrigation District,
Lethbridge Northern Irrigation District,
Northern Transportation Company,
Syncrude Canada Limited,
TransAlta Utilities Corporation,
Canadian Utilities Limited,
North Western Pulp and Power Limited,
St. Mary River Irrigation District.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décametres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilometre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (metre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3 *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS CREEK NEAR KINUSO - STATION NO. 07BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0868	0.1628	3.27	0.729	0.152	0.894	0.304	0.122	0.124	---	1
2	---	---	0.0868	0.2668	3.23	1.85	0.128	0.818	0.288	0.122	0.0988	---	2
3	---	---	0.0878	0.4598	3.18	1.83	0.169	1.04	1.68	0.120	0.1088	---	3
4	---	---	0.0878	1.18 B	2.81	1.32	0.134	0.830	1.26	0.121	0.1108	---	4
5	---	---	0.0878	1.76 B	2.18	1.06	0.120	0.898	0.918	0.118	---	---	5
6	---	---	0.0868	2.12 B	1.89	1.28	0.118	0.814	0.898	0.118	---	---	6
7	---	---	0.0868	2.62 B	1.72	1.18	0.114	0.388	0.844	0.118	---	---	7
8	---	---	0.0868	3.15 B	1.64	0.871	0.183	0.287	0.484	0.127	---	---	8
9	---	---	0.0868	3.25 B	1.69	0.786	0.313	0.263	0.382	0.125	---	---	9
10	---	---	0.0888	3.87 B	1.81	0.891	0.388	0.898	0.317	0.118	---	---	10
11	---	---	0.0868	3.37 B	1.43	0.705	0.182	2.14	0.284	0.118	---	---	11
12	---	---	0.0868	3.01 B	1.34	0.857	0.188	1.42	0.230	0.124	---	---	12
13	---	---	0.0868	2.68	1.19	0.461	0.182	1.03	0.318	0.126	---	---	13
14	---	---	0.0868	2.18	1.08	0.383	0.185	0.786	0.483	0.121	---	---	14
15	---	---	0.0888	4.03	1.04	0.308	0.133	0.602	0.448	0.113	---	---	15
16	---	---	0.0888	3.47	0.838	0.286	0.137	0.508	0.388	0.112	---	---	16
17	---	---	0.0888	2.82	0.838	0.217	0.814	0.818	0.304	0.117	---	---	17
18	---	---	0.0888	2.32	0.839	0.189	0.534	0.594	0.288	0.112	---	---	18
19	---	---	0.0868	1.88	1.41	0.183	0.428	0.838	0.221	0.101	---	---	19
20	---	---	0.0878	1.68	1.32	0.183	0.432	0.587	0.192	0.107	---	---	20
21	---	---	0.0878	1.88	1.10	0.304	0.341	0.838	0.178	0.120	---	---	21
22	---	---	0.0878	1.88	0.873	0.178	0.281	0.635	0.188	0.124	---	---	22
23	---	0.0908	0.0878	1.73	0.818	0.138	0.284	0.820	0.148	0.120	---	---	23
24	---	0.0908	0.0848	1.87	0.871	0.300	0.304	0.522	0.138	0.117	---	---	24
25	---	0.0888	0.0868	1.88	0.817	0.188	0.174	0.487	0.130	0.120	---	---	25
26	---	0.0868	0.0868	1.88	0.710	0.132	0.220	0.408	0.128	0.123	---	---	26
27	---	0.0888	0.0878	2.02	0.841	0.138	0.227	0.342	0.121	0.117	---	---	27
28	---	0.0888	0.0848	2.58	0.870	0.134	0.334	0.280	0.115	0.118	---	---	28
29	---		0.0868	3.22	0.734	0.130	0.288	0.388	0.112	0.118	---	---	29
30	---		0.0928	3.39	0.744	0.127	0.347	0.385	0.112	0.124	---	---	30
31	---		0.1188		0.820		0.378	0.342		0.126		---	31
TOTAL	---	---	2.708	69.628	43.291	18.822	7.784	20.632	11.387	3.880	---	---	TOTAL
MEAN	---	---	0.087	2.32	1.40	0.651	0.250	0.898	0.379	0.118	---	---	MEAN
MAX	---	---	0.118	4.03	3.27	1.83	0.814	2.14	1.88	0.127	---	---	MAX
MIN	---	---	0.084	0.182	0.570	0.120	0.114	0.283	0.112	0.101	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.717
MAXIMUM DAILY, 4.03 ON APR 15
MINIMUM DAILY, 0.0848 ON MAR 24
MAXIMUM INSTANTANEOUS,
4.50 AT 21:00 MST ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 05 N
LONG 115 20 03 W
DRAINAGE AREA, 138 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	670
FEB	---	AUG	1 780
MAR	234	SEP	981
APR	6 030	OCT	318
MAY	3 740	NOV	---
JUN	1 430	DEC	---

TOTAL DISCHARGE, 15 200 dam³

AETNA CREEK AT HIGHWAY NO. 501 - STATION NO. 05AE912

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.384	0.273	0.243	0	0.088	---	---	1
2	---	---	---	---	0	0.311	0.358	0.198	0	0.001	---	---	2
3	---	---	---	---	0	0.222	0.338	0.199	0	0.018	---	---	3
4	---	---	---	---	0	0.188	0.280	0.212	0	0.073	---	---	4
5	---	---	---	---	0	0.287	0.241	0.223	0	0.101	---	---	5
6	---	---	---	---	0	0.381	0.301	0.237	0	0.088	---	---	6
7	---	---	---	---	0	0.288	0.313	0.228	0.012	0.077	---	---	7
8	---	---	---	---	0	0.328	0.367	0.233	0.073	0.082	---	---	8
9	---	---	---	---	0	0.371	0.428	0.261	0.077	0.114	---	---	9
10	---	---	---	---	0	0.274	0.393	0.292	0.074	0.128	---	---	10
11	---	---	---	---	0	0.317	0.383	0.428	0.073	0.125	---	---	11
12	---	---	---	---	0	0.350	0.188	0.388	0.081	0.128	---	---	12
13	---	---	---	---	0	0.418	0.190	0.388	0.102	0.134	---	---	13
14	---	---	---	0.017A	0	0.488	0.138	0.478	0.088	0.148	---	---	14
15	---	---	---	0.018	0	0.533	0.042	0.328	0.111	0.187	---	---	15
15	---	---	---	0.012	0.217	0.287	0.022	0.178	0.112	0.041	---	---	16
17	---	---	---	0.008	0.123	0.281	0.158	0.408	0.142	0	---	---	17
18	---	---	---	0.004	0.187	0.257	0.330	0.487	0.100	0	---	---	18
19	---	---	---	0	0.335	0.308	0.331	0.488	0.081	0	---	---	19
20	---	---	---	0	0.192	0.284	0.418	0.473	0.088	0	---	---	20
21	---	---	---	0	0.084	0.328	0.428	0.301	0.088	0	---	---	21
22	---	---	---	0	0.088	0.380	0.605	0.292	0.095	0	---	---	22
23	---	---	---	0.001	0.088	0.322	0.247	0.307	0.088	0	---	---	23
24	---	---	---	0.008	0.110	0.202	0.188	0.391	0.082	0	---	---	24
25	---	---	---	0	0.332	0.213	0.188	0.271	0.082	0	---	---	25
26	---	---	---	0	0.389	0.188	0.184	0.214	0.080	0	---	---	26
27	---	---	---	0	0.431	0.108	0.172	0.241	0.105	0	---	---	27
28	---	---	---	0	0.220	0.118	0.207	0.239	0.088	0	---	---	28
29	---		---	0	0.281	0.278	0.213	0.198	0.118	0	---	---	29
30	---		---	0	0.384	0.272	0.407	0.023	0.128	0	---	---	30
31	---		---		0.332		0.393	0		0		---	31
TOTAL	---	---	---	---	5.531	8.850	8.841	8.737	2.128	1.808	---	---	TOTAL
MEAN	---	---	---	---	0.178	0.288	0.278	0.282	0.071	0.048	---	---	MEAN
MAX	---	---	---	---	0.431	0.533	0.605	0.488	0.142	0.187	---	---	MAX
MIN	---	---	---	---	0	0.108	0.022	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.533 ON JUN 15
MINIMUM DAILY, 0 ON APR 19
MAXIMUM INSTANTANEOUS,
0.877 AT 10:44 MST ON MAY 25

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 00 N
LONG 113 16 00 W
DRAINAGE AREA, 32.6 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	736
FEB	---	AUG	755
MAR	---	SEP	184
APR	---	OCT	130
MAY	305	NOV	---
JUN	773	DEC	---

ALBERTA POWER LIMITED COOLING POND OUTLET - STATION NO. 05CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.848	0.710	0.753	0.390	0	0	---	1
2	---	---	0	0	0	0.843	0.714	0.757	1.34	0	0	---	2
3	---	---	0	0	0	0.848	0.718	0.759	1.47	0	0	---	3
4	---	---	0	0	0	0.851	0.714	0.758	1.48	0	0	---	4
5	---	---	0	0	0	0.848	0.710	0.748	1.49	0	---	---	5
6	---	---	0	0	0.638	0.841	0.711	0.750	1.48	0	---	---	6
7	---	---	0	0	0.895	0.843	0.708	0.838	1.47	0	---	---	7
8	---	---	0	0	0.882	0.840	0.708	0.288	1.46	0	---	---	8
9	---	---	0	0	0.880	0.834	0.708	0.294	1.46	0	---	---	9
10	---	---	0	0	0.873	0.834	0.714	0.303	1.45	0	---	---	10
11	---	---	0	0	0.888	0.840	0.718	0.344	1.45	0	---	---	11
12	---	---	0	0	0.884	0.838	0.722	0.345	1.43	0	---	---	12
13	---	---	0	0	0.704	0.833	0.728	0.348	1.41	0	---	---	13
14	---	---	0	0	0.702	0.835	0.725	0.353	1.41	0	---	---	14
15	---	---	0	0	0.703	0.834	0.724	0.358	1.40	0	---	---	15
16	---	---	0	0	0.705	0.838	0.734	0.359	1.39	0	---	---	16
17	---	---	0	0	0.707	0.843	0.743	0.197	1.37	0	---	---	17
18	---	---	0	0	0.713	0.841	0.743	0	1.37	0	---	---	18
19	---	---	0	0	0.704	0.848	0.748	0	1.38	0	---	---	19
20	---	---	0	0	0.701	0.848	0.748	0	0.859	0	---	---	20
21	---	---	0	0	0.702	0.887	0.784	0	0	0	---	---	21
22	---	---	0	0	0.686	0.851	0.781	0	0	0	---	---	22
23	---	---	0	0	0.688	0.849	0.748	0	0	0	---	---	23
24	---	0	0	0	0.684	0.218	0.748	0	0	0	---	---	24
25	---	0	0	0	0.690	0.471	0.752	0	0	0	---	---	25
26	---	0	0	0	0.690	0.703	0.748	0	0	0	---	---	26
27	---	0	0	0	0.684	0.708	0.753	0	0	0	---	---	27
28	---	0	0	0	0.688	0.710	0.751	0	0	0	---	---	28
29	---		0	0	0.677	0.712	0.757	0	0	0	---	---	29
30	---		0	0	0.688	0.708	0.757	0	0	0	---	---	30
31	---		0		0.884		0.780	0		0		---	31
TOTAL	---	---	0	0	17.881	18.008	22 721	8.220	28.749	0	---	---	TOTAL
MEAN	---	---	0	0	0.570	0.834	0.733	0.285	0.892	0	---	---	MEAN
MAX	---	---	0	0	0.713	0.712	0.780	0.759	1.49	0	---	---	MAX
MIN	---	---	0	0	0	0.218	0.708	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 1.49 ON SEP 5
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.56 AT 09:39 MST ON SEP 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 33 N
LONG 111 46 00 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 980
FEB	---	AUG	710
MAR	0	SEP	2 310
APR	0	OCT	0
MAY	1 530	NOV	---
JUN	1 640	DEC	---

TOTAL DISCHARGE, 8 150 dam³

ALKALI CREEK NEAR THE MOUTH - STATION NO. 05CK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0278	0.010	0	0	0	0	0	0	---	1
2	---	---	0 B	0.0308	0.005	0	0	0	0	0	0A	---	2
3	---	---	0 B	0.031	0.005	0	0	0	0	0	---	---	3
4	---	---	0.0289	0.030	0.005	0	0	0	0	0	---	---	4
5	---	---	0.0278	0.030	0.007	0	0	0	0	0	---	---	5
6	---	---	0.0238	0.030	0.007	0	0	0	0	0	---	---	6
7	---	---	0.0148	0.027	0.008	0	0	0	0	0	---	---	7
8	---	---	0.0088	0.026	0.008	0	0	0	0	0	---	---	8
9	---	---	0.0088	0.023	0.005	0	0	0	0	0	---	---	9
10	---	---	0.0088	0.021	0.004	0	0	0	0	0	---	---	10
11	---	---	0.0088	0.024	0.002	0	0	0	0	0	---	---	11
12	---	---	0.0098	0.024	0.002	0	0	0	0	0	---	---	12
13	---	---	0.0108	0.022	0.001	0	0	0	0	0	---	---	13
14	---	---	0.0138	0.019	0	0	0	0	0	0	---	---	14
15	---	---	0.0148	0.018	0	0	0	0	0	0	---	---	15
16	---	---	0.0188	0.017	0	0	0	0	0	0	---	---	16
17	---	---	0.0188	0.016	0	0	0	0	0	0	---	---	17
18	---	0.0018	0.0258	0.015	0	0	0	0	0	0	---	---	18
19	---	0 B	0.0238	0.015	0	0	0	0	0	0	---	---	19
20	---	0 B	0.0198	0.015	0	0	0	0	0	0	---	---	20
21	---	0 B	0.0178	0.015	0	0	0	0	0	0	---	---	21
22	---	0 B	0.0148	0.014	0	0	0	0	0	0	---	---	22
23	---	0 B	0.0148	0.013	0	0	0	0	0	0	---	---	23
24	---	0 B	0.0148	0.013	0	0	0	0	0	0	---	---	24
25	---	0 B	0.0178	0.012	0	0	0	0	0	0	---	---	25
26	---	0 B	0.0208	0.012	0	0	0	0	0	0	---	---	26
27	---	0 B	0.0178	0.011	0	0	0	0	0	0	---	---	27
28	---	0 B	0.0158	0.012	0	0	0	0	0	0	---	---	28
29	---		0.0168	0.012	0	0	0	0	0	0	---	---	29
30	---		0.0198	0.011	0	0	0	0	0	0	---	---	30
31	---		0.0278		0		0	0		0		---	31
TOTAL	---	---	0.450	0.565	0.075	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.015	0.020	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.029	0.031	0.010	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.011	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.031 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.0438 AT 21:13 MST ON MAR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 54 N
LONG 110 30 30 W
DRAINAGE AREA, 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	39.7	SEP	0
APR	50.6	OCT	0
MAY	8.48	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 98.7 dam³

AMISK CREEK NEAR SHONTS - STATION NO. 05EB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0.038	0	0.007	0.003	0	---	---	1
2	---	---	0B	0.0448 B	0	0.005	0	0.005	0.003	0	---	---	2
3	---	---	0B	2.88 B	0	0.003	0	0.203	0.498	0	---	---	3
4	---	---	0B	5.84 B	0	0.030	0	0.213	2.85	0	---	---	4
5	---	---	0B	5.13 B	0	0.089	0	0.384	2.22	0	---	---	5
6	---	---	0B	3.83 B	0	0.022	0	0.813	2.85	0	---	---	6
7	---	---	0B	3.21 B	0	0	0	0.898	2.83	0	---	---	7
8	---	---	0B	2.28	0	0	0	0.827	1.80	0	---	---	8
9	---	---	0B	1.82	0	0	0	0.384	1.12	0	---	---	9
10	---	---	0B	1.07	0	0	0	0.888	0.732	0	---	---	10
11	---	---	0B	0.782	0	0	0	0.872	0.480	0	---	---	11
12	---	---	0B	0.803	0	0	0	0.853	0.344	0	---	---	12
13	---	---	0B	0.434	0	0	0	0.841	0.288	0.312	---	---	13
14	---	---	0B	0.388	0	0	0	0.478	0.204	0.070	---	---	14
15	---	---	0B	0.478	0	0	0	0.378	0.191	0.014	---	---	15
16	---	---	0B	0.367	0	0	0	0.358	0.130	0.002	---	---	16
17	---	---	0B	0.282	0	0	0	0.344	0.111	0.001	---	---	17
18	---	---	0B	0.188	0	0	0	0.284	0.088	0.073	---	---	18
19	---	---	0B	0.185	0	0	0	0.187	0.183	0.088	---	---	19
20	---	---	0B	0.130	0	0	0	0.273	0.113	0.030	---	---	20
21	---	---	0B	0.082	0	0	0	0.232	0.082	0.022	---	---	21
22	---	---	0B	0.087	0	0	0	0.148	0.028	0.081	---	---	22
23	---	0B	0B	0.039	0	0	0	0.083	0.012	0.032	---	---	23
24	---	0B	0B	0.041	0	0	0	0.080	0.003	0.008	---	---	24
25	---	0B	0B	0.036	0	0	0	0.107	0	0.002	---	---	25
26	---	0B	0B	0.088	0	0	0	0.118	0	0.002	---	---	26
27	---	0B	0B	0.014	0	0	0	0.084	0	0.002	---	---	27
28	---	0B	0B	0	0	0	0	0.030	0	0.003A	---	---	28
29	---		0B	0	0	0	0	0.009	0	0.003E	---	---	29
30	---		0B	0	0.238	0	0	0.007	0	0.003E	---	---	30
31	---		0B		0.185		0.001	0.006		0.003E	---	---	31
TOTAL	---	---	0	29.678	0.393	0.185	0.001	9.418	18.788	0.700	---	---	TOTAL
MEAN	---	---	0	0.988	0.013	0.006	0	0.304	0.559	0.023	---	---	MEAN
MAX	---	---	0	5.84	0.238	0.089	0.001	0.872	2.83	0.312	---	---	MAX
MIN	---	---	0	0	0	0	0	0.005	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.234
MAXIMUM DAILY, 5.940 ON APR 4
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 35 N
LONG 112 33 10 W
DRAINAGE AREA, 377 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 0B
FEB	---	AUG	810
MAR	0	SEP	1 480
APR	2 580	OCT	60 5
MAY	34.0	NOV	---
JUN	16.0	DEC	---

TOTAL DISCHARGE, 4 950 dam³

AMISK RIVER AT HIGHWAY NO 36 - STATION NO. 06AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2638	0.3508	4.78	2.33	0.858	0.018	0.871	0.050	0.048	---	1
2	---	---	0.2638	0.4408	4.78	2.53	0.814	0.088	0.833	0.049	0.050	---	2
3	---	---	0.2638	0.8008	4.81	2.87	0.822	0.068	0.818	0.041	0.043A	---	3
4	---	---	0.2638	1.40 B	4.38	2.82	0.448	0.067	0.478	0.041	---	---	4
5	---	---	0.2638	2.30 B	3.97	2.98	0.338	0.078	0.483	0.137	---	---	5
6	---	---	0.2638	4.08 B	3.88	2.48	0.301	0.070	0.408	0.051	---	---	6
7	---	---	0.2638	5.11 B	3.37	2.56	0.288	0.088	0.384	0.031	---	---	7
8	---	---	0.2638	8.85 B	3.08	2.45	0.288	0.083	0.318	0.023	---	---	8
9	---	---	0.2638	15.1 B	2.77	2.36	0.252	0.041	0.284	0.038	---	---	9
10	---	---	0.2638	18.3 B	2.58	2.83	0.228	0.084	0.282	0.083	---	---	10
11	---	---	0.2638	19.9 B	2.60	2.84	0.171	0.241	0.228	0.088	---	---	11
12	---	---	0.2638	20.6 B	2.34	2.80	0.128	0.818	0.182	0.043	---	---	12
13	---	---	0.2638	20.8	2.18	2.58	0.082	0.888	0.187	0.038	---	---	13
14	---	---	0.2638	18.2	2.08	2.60	0.089	0.831	0.142	0.043	---	---	14
15	---	---	0.2638	15.8	1.88	2.32	0.141	0.910	0.088A	0.044	---	---	15
16	---	---	0.2638	14.5	1.88	2.01	0.270	1.04	0.088	0.041	---	---	16
17	---	---	0.2638	13.4	1.82	1.88	1.11	1.03	0.088	0.038	---	---	17
18	---	---	0.2638	12.8	1.78	1.74	1.83	1.05	0.083	0.038	---	---	18
19	---	---	0.2638	11.7	1.78	1.73	1.88	0.880	0.082	0.042	---	---	19
20	---	---	0.2638	10.8	1.81	1.71	1.88	1.01	0.088	0.048	---	---	20
21	---	---	0.2638	9.78	2.08	1.88	1.87	1.04	0.070	0.082	---	---	21
22	---	---	0.2638	8.80	2.20	1.88	1.83	0.885	0.113	0.088	---	---	22
23	---	---	0.2638	8.13	2.31	1.48	2.15	0.932	0.118	0.072	---	---	23
24	---	---	0.2638	7.44	2.48	1.33	1.48	0.819	0.082	0.078	---	---	24
25	---	---	0.2638	6.89	2.88	1.37	0.958	0.830	0.083	0.078	---	---	25
26	---	0.2638	0.2638	6.50	2.61	1.37	0.540	0.815	0.048	0.072	---	---	26
27	---	0.2638	0.2638	6.18	3.37	1.07	0.232	0.829	0.038	0.080	---	---	27
28	---	0.2638	0.2638	5.78	2.17	0.820	0.072	0.831	0.038	0.033	---	---	28
29	---		0.2638	5.41	2.32	0.788	0.031	0.828	0.045	0.034	---	---	29
30	---		0.2638	5.08	2.87	0.738	0.011	0.748	0.048	0.034	---	---	30
31	---		0.3078		2.38		0.005	0.878		0.042		---	31
TOTAL	---	---	8.187	295.010	84.10	59.358	19.580	18.852	8.026	1.885	---	---	TOTAL
MEAN	---	---	0.284	9.87	2.71	1.98	0.631	0.602	0.201	0.061	---	---	MEAN
MAX	---	---	0.307	20.8	4.78	2.84	2.15	1.05	0.871	0.137	---	---	MAX
MIN	---	---	0.263	0.350	1.78	0.738	0.005	0.018	0.038	0.033	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.01
MAXIMUM DAILY, 20.8B ON APR 12
MINIMUM DAILY, 0.005 ON JUL 31
MAXIMUM INSTANTANEOUS,
31.6 AT 00:13 MST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 30 N
LONG 112 01 00 W
DRAINAGE AREA, 2 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	1 810
MAR	708	SEP	521
APR	25 800	OCT	138
MAY	7 270	NOV	---
JUN	5 130	DEC	---

TOTAL DISCHARGE, 42 700 dam³

ANTELOPE COULEE SPILLWAY - STATION NO. 05BND10

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.333	0.388	0.327	0.288	0.141	0.170	0	---	1
2	---	---	---	---	0.344	0.388	0.318	0.271	0.188	0.171	0.001A	---	2
3	---	---	---	---	0.348	0.373	0.327	0.288	0.188	0.188	---	---	3
4	---	---	---	---	0.327	0.378	0.348	0.263	0.174	0.182	---	---	4
5	---	---	---	---	0.327	0.381	0.389	0.238	0.172	0.181	---	---	5
6	---	---	---	---	0.361	0.387	0.388	0.228	0.183	0.183	---	---	6
7	---	---	---	---	0.340	0.387	0.341	0.223	0.180	0.182	---	---	7
8	---	---	---	---	0.341	0.388	0.388	0.224	0.178	0.137	---	---	8
9	---	---	---	---	0.348	0.381	0.402	0.227	0.188	0.141	---	---	9
10	---	---	---	---	0.389	0.383	0.411	0.238	0.194	0.147	---	---	10
11	---	---	---	---	0.388	0.381	0.403	0.238	0.188	0.181	---	---	11
12	---	---	---	---	0.348	0.384	0.401	0.237	0.201	0.180	---	---	12
13	---	---	---	---	0.341	0.348	0.383	0.240	0.218	0.381	---	---	13
14	---	---	---	---	0.344	0.388	0.423	0.272	0.212	0.478	---	---	14
15	---	---	---	---	0.382	0.384	0.448	0.243	0.212	0.420	---	---	15
16	---	---	---	---	0.388	0.378	0.484	0.238	0.204	0.388	---	---	16
17	---	---	---	---	0.383	0.383	0.478	0.240	0.198	0.383	---	---	17
18	---	---	---	---	0.387	0.343	0.489	0.224	0.198	0.328	---	---	18
19	---	---	---	---	0.271	0.338	0.518	0.228	0.194	0.211	---	---	19
20	---	---	---	---	0.384	0.338	0.483	0.230	0.190	0.042	---	---	20
21	---	---	---	---	0.376	0.324	0.478	0.308	0.188	0.007	---	---	21
22	---	---	---	---	0.388	0.329	0.488	0.214	0.188	0.004	---	---	22
23	---	---	---	---	0.389	0.323	0.437	0.218	0.187	0.002	---	---	23
24	---	---	---	---	0.386	0.331	0.428	0.218	0.194	0.002	---	---	24
25	---	---	---	---	0.388	0.331	0.422	0 208	0.188	0.002	---	---	25
26	---	---	---	---	0.397	0.333	0.403	0.197	0.188	0.002	---	---	26
27	---	---	---	0.228A	0.390	0.334	0.378	0.197	0.174	0.001	---	---	27
28	---	---	---	0.243	0.387	0.333	0.388	0.197	0.174	0.001	---	---	28
29	---		---	0.294	0.394	0.331	0.348	0.198	0.178	0.001	---	---	29
30	---		---	0.327	0.388	0.334	0.332	0.183	0.170	0.001	---	---	30
31	---		---		0.407		0.322	0.184		0		---	31
TOTAL	---	---	---	---	11.280	10.658	12.439	7.048	5.880	4.512	---	---	TOTAL
MEAN	---	---	---	---	0.383	0.352	0.401	0.227	0.180	0.148	---	---	MEAN
MAX	---	---	---	---	0.407	0.388	0.518	0.288	0.218	0.478	---	---	MAX
MIN	---	---	---	---	0.327	0.323	0.318	0.183	0.170	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.280
MAXIMUM DAILY, 0.518 ON JUL 19
MINIMUM DAILY, 0 ON OCT 31

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 20 N
LONG 112 08 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 070
FEB	---	AUG	809
MAR	---	SEP	492
APR	---	OCT	390
MAY	973	NOV	---
JUN	912	DEC	---

TOTAL DISCHARGE, 4 450 dam³

ATHABASCA RIVER ABOVE JACKFISH CREEK - STATION NO. 07DD007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	209.667	209.617	209.651	---	210.088	210.070	209.938	209.841	209.347	209.004	208.938	1
2	---	209.672	209.648	209.651	---	210.268	210.078	209.831	209.824	209.228	208.943	208.882	2
3	---	209.658	209.640	209.658	---	210 290	210.051	209.884	209.793	209.245	208.931	208.842	3
4	---	209.658	209.623	209.663	---	210.225	209.858	209.712	209.784	209.280	208.958	208.881	4
5	---	209.684	209.684	209.698	210 082	210.202	209.918	209.781	209.734	209.280	208.988	208.882	5
6	---	209.688	209.688	209.742	210.035	210 188	209 853	209.748	209.778	209.324	209.041	209.080	6
7	---	209.683	209.654	208.788	210.011	210.118	209.885	209.802	209.787	209.514	209.080	209.071	7
8	209.648	209.678	209.620	208.782	210.000	---	209.868	210.324	209.718	209.433	208.988	209.082	8
9	209.648	209.684	209.600	208.822	209.858	---	209.973	210.828	209.724	209.220	208.982	209.089	9
10	209.637	209.681	209.608	209.852	209.988	210.284	209.838	210.578	209.720	209.204	208.988	209.082	10
11	209.639	209.679	209.651	209.897	209.978	---	209.822	210.808	209.737	209.217	209.025	209.039	11
12	209.640	209.674	209.686	210.084	---	---	209.848	210.484	209.718	209.202	209.083	209.028	12
13	209.629	209.684	209.807	210.023	210.031	---	209.880	210.457	209.686	209.285	209.132	209.012	13
14	209.613	209.683	209.810	210 118	209.980	---	209.918	210.431	209.659	209.203	209.113	209.016	14
15	209.613	209.680	209.882	210.233	209.884	---	209.875	210.350	209.683	209.189	209.082	209.010	15
16	209.626	209.678	209.683	210.323	209.817	---	209.817	210.358	209.618	209.183	209.082	209.012	16
17	209.633	209.686	209.688	210.436	209.819	---	209.883	210.334	209.630	209.181	208.981	209.002	17
18	209.635	209.685	209.801	210.533	209.883	---	209.809	210.307	209.600	209.180	208.827	209.035	18
19	209.617	209.683	209.891	210.743	210 009	---	209.787	210.280	209.488	209.188	208.856	209.037	19
20	209.614	209.687	209.807	210 880	209 973	---	209.854	210.238	209.453	209.088	208.833	209.048	20
21	209.622	209.686	209.806	210.818	209 884	---	209.772	210 209	209.472	209.117	208.798	209.082	21
22	209.630	209.613	209.613	---	209.878	---	209.738	210.146	209.486	209.106	208.812	209.084	22
23	209.639	209.616	209.832	---	209.880	210.282	209.788	210.089	209.501	209.011	208.847	209.085	23
24	209.633	209.617	209.818	---	209.840	210.301	209.785	210.049	209.472	208.888	208.888	209.118	24
25	209.638	209.622	209.811	---	209.887	210.247	209.747	210.001	209.488	209.021	208.884	209.119	25
26	209.686	209.625	209.806	---	209.821	210 183	209.717	209.988	209.488	209.030	208.904	209.131	26
27	209.688	209.624	209.808	---	209.824	210.188	209.644	209.847	209.394	209.022	208.843	209.132	27
28	209.689	209.630	209.820	---	209.881	210.138	209.688	209.878	209.348	209.037	208.838	209.134	28
29	209.672		209.824	---	209.872	210.148	209.643	210.001	209.370	209.043	208.825	209.130	29
30	209.676		209.826	---	209.887	210.128	209.635	209.811	209.383	209.017	208.831	209.107	30
31	209.687		209.841		209.888		209.630	209.834		209.023		209.082	31
MEAN	---	209.668	209.698	---	---	---	209.855	210.130	209.803	209.171	208.884	209.080	MEAN
MAX	---	209.825	209.848	---	---	---	210.078	210.828	209.841	209.814	209.132	209.134	MAX
MIN	---	209.658	209 800	---	---	---	209.635	209.884	209.348	208.998	208.798	208.938	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 208.798 ON NOV 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 25 00 N
LONG 110 55 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
159 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER AT ATHABASCA - STATION NO. 07BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	126B	114B	114B	113B	225	603	498	518	479	271A	166	93.0B
2	127B	114B	114B	113B	229	638	544	530	488	273A	162	91.0B
3	126B	114B	114B	123B	233	625	550	507	471	252A	156	89.0B
4	125B	114B	114B	128B	261	615	546	1 420	488	243	154	87.0B
5	124B	114B	114B	138B	323	598	553	2 040	483	241	150	85.0B
6	123B	114B	114B	150B	389	513	587	1 710	524	238	155	83.0B
7	122B	114B	114B	170B	423	473	500	1 480	615	235A	157	82.0B
8	121B	114B	114B	190B	383	488	508	1 410	484	245A	148	81.0B
9	120B	114B	115B	230B	383	561	508	1 280	446	255A	148	80.0B
10	119B	114B	115B	265B	340	781	578	1 150	422	248	145	79.0B
11	118B	114B	117B	320B	332	780	530	1 010	405	229	143	78.0B
12	117B	114B	118B	400B	373	768	507	828	380	223	142	77.0B
13	116B	114B	118B	500B	465	799	507	818	389	218A	143 B	76.0B
14	115B	114B	118B	540B	526E	802	508	835	359	211A	142 B	75.0B
15	114B	114B	117B	545B	485	724	498	864	363	201	141 B	74.0B
16	114B	114B	117B	539B	509	775	483	789	357	191	147 B	73.0B
17	114B	114B	116B	472	540	842	478	758	373	189	134 B	72.0B
18	114B	114B	116B	484	488	842	481	703	385	187	111 B	71.0B
19	114B	114B	116B	487	454	690	503	655	361	188	82.3B	70.0B
20	114B	114B	116B	467	434	654	481	619	368	182	80.6B	69.0B
21	114B	114B	114B	409	430	735	440	594	342	176	123 B	68.0B
22	114B	114B	113B	346	442	682	414	578	312	169	118 B	67.0B
23	114B	114B	113B	309	484	654	398	604	282	167	110 B	66.0B
24	114B	114B	113B	270	483	678	402	648	273	168	109 B	65.0B
25	114B	114B	113B	257	452	722	408	642	268A	160	108 B	64.0B
26	114B	114B	113B	245	450	660	409	633	268A	159	103 B	63.0B
27	114B	114B	113B	236	445	561	421	593A	273A	163	101 B	62.0B
28	114B	114B	113B	231	439	498	438	518	278A	158	99.0B	61.0B
29	114B		113B	226	436A	448	484	526	273A	164	97.0B	60.5B
30	114B		113B	225	457A	446	508	518	267A	153	95.3B	60.0B
31	114B		113B		526		523	479		155		59.5B
TOTAL	3 639	3 192	3 564	9 127	12 834	20 138	15 481	26 692	11 352	6 296	3 857.1	2 281.0
MEAN	117	114	115	304	414	671	499	861	378	203	129	73.6
MAX	126	114	118	545	540	842	587	2 040	624	273	166	93.0
MIN	114	114	113	113	225	446	398	479	268	153	82.3	59.5

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 334
MAXIMUM DAILY, 2 040 ON AUG 5
MINIMUM DAILY, 59.5B ON DEC 31
MAXIMUM INSTANTANEOUS,
2 150 AT 04:17 MST ON AUG 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 20 N
LONG 113 17 10 W
DRAINAGE AREA, 74 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	314 000	JUL	1 340 000
FEB	276 000	AUG	2 310 000
MAR	307 000	SEP	981 000
APR	789 000	OCT	544 000
MAY	1 110 000	NOV	333 000
JUN	1 740 000	DEC	197 000

TOTAL DISCHARGE, 10 200 000 dam³

ATHABASCA RIVER AT HINTON - STATION NO 07AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	50.0B	37.2B	25.0B	34.0B	95.7	302	429	481	234	121 A	67.4	31.6B
2	51.0B	37.6B	25.5B	33.0B	141	270	436	682	254	121 A	66.4	36.4B
3	52.0B	35.7B	25.6B	33.6B	161	235	456	690	273	127 E	64.4	33.2B
4	51.0B	35.0B	26.0B	38.1B	158	226	483	618	281	132 A	64.7	42.5B
5	50.0B	33.4B	27.0B	42.2B	138	270	488	591	241	132 A	64.2	41.0B
6	48.5B	35.6B	28.0B	44.4B	125	409	473	560	233	129	63.3	41.5B
7	48.0B	34.0B	27.6B	44.9B	124	557	434	495	233A	118	61.5	41.6B
8	47.0B	33.6B	27.2B	44.5B	157	538	391	448	185A	109	60.6	40.5B
9	49.0B	33.4B	26.4B	43.6B	243	508	382	427	180A	103	60.5	39.5B
10	50.0B	33.0B	26.0B	41.9B	320	544	380	418	201A	99.3	58.8	40.0B
11	52.0B	32.0B	28.5B	40.1B	325	565	380	440	195E	93.7	58.1	38.6B
12	53.0B	31.6B	27.1B	39.9B	269	495	321	404	203E	90.2	59.6	37.5B
13	46.7B	31.5B	28.0B	38.9B	333	545	328	363	211E	88.9	59.9	35.4B
14	44.3B	31.4B	28.7B	36.7B	336	733	334	341	207A	85.2	59.9	34.5B
15	36.4B	31.0B	28.4B	35.6B	272	691	364	318	200A	84.0	56.9	33.0B
16	30.1B	31.1B	28.2B	35.5B	242	646	361	301	222A	82.2	55.4A	32.2B
17	40.1B	31.4B	28.1B	39.1	221	626A	329	289	184A	78.9	52.5E	31.6B
18	44.3B	31.6B	28.0B	37.8	214	565A	291	277	180A	75.8	50.0E	31.7B
19	46.1B	32.6B	27.9B	36.9	233	487E	288	263	168A	74.3	56.0E	31.6B
20	42.6B	34.0B	27.6B	36.3	221	474A	257	258	150A	74.7	57.0E	31.1B
21	42.6B	33.6B	27.6B	34.2	192	493	258	278	133A	70.2	58.0E	31.0B
22	39.2B	33.2B	28.2B	35.1	176	540	265	276	127A	70.3	56.3	30.7B
23	39.1B	32.5B	28.0B	35.3	183	489	275	289	148A	67.5	55.6	30.0B
24	42.6B	31.5B	29.0B	35.7	155	405	287	282	156A	68.1	52.9	30.5B
25	44.1B	31.0B	30.0B	35.0	155	333	302	267	154A	69.2	51.2A	31.0B
26	44.0B	30.0B	28.0B	34.4	174	310	332	251	124A	68.1	46.1B	29.3B
27	42.9B	27.5B	25.5B	34.4	225	342	363	243	135A	65.9	41.5B	28.6B
28	43.1B	26.0B	29.0B	34.2	295	392	361	248	134E	65.3	44.2B	27.5B
29	41.7B		33.2B	43.5	337	423	364	257	133A	63.9	36.4B	26.5B
30	39.1B		37.5B	63.7	341	426	371	251	127A	64.0	30.6B	25.5B
31	38.0B		34.1B		311		381	241		65.8		25.0B
TOTAL	1 386.4	913.6	873.5	1 166.6	6 893.7	13 850	11 121	11 475	5 597	2 751.6	1 672.1	1 042.1
MEAN	44.7	32.6	28.2	38.9	222	462	359	370	187	88.8	55.7	33.6
MAX	53.0	37.6	37.5	63.7	341	733	488	690	273	132	67.4	42.5
MIN	30.1	26.0	25.0	33.0	95.7	226	257	241	124	63.9	30.6	25.0

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 181
MAXIMUM DAILY, 733 ON JUN 14
MINIMUM DAILY, 25.0B ON MAR 1
MAXIMUM INSTANTANEOUS,
757 AT 16:59 MST ON JUN 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 39 N
LONG 117 35 11 W
DRAINAGE AREA, 9 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	120 000	JUL	961 000
FEB	79 000	AUG	991 000
MAR	75 500	SEP	484 000
APR	101 000	OCT	238 000
MAY	596 000	NOV	144 000
JUN	1 200 000	DEC	90 000

TOTAL DISCHARGE, 5 080 000 dam³

ATHABASCA RIVER BELOW MCMURRAY - STATION NO. 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1740	1880	1670	1800	721	847	781	715	720E	408	351	1800	1
2	1740	1880	1670	1800	727	908	744	784	880E	406	344	1850	2
3	1740	1880	1670	1800	782	1 020	783	748	815E	401	342	1820	3
4	1740	1880	1680	1830	788	1 100	809	739	840E	389	2370	1780	4
5	1740	1880	1680	1870	778	1 110	828	771	820E	386	2300	1750	5
6	1730	1880	1680	2100	774	1 110	823	1 810	800E	383	2330	1720	6
7	1730	1880	1680	2240	782	1 100	828	2 080	840E	371	2310	1700	7
8	1730	1880	1690	2530	842	1 050	837	1 800	880E	388	2280	1680	8
9	1730	1880	1680	3110	897	1 000	853	1 870	875E	382	2250	1880	9
10	1730	1880	1680	3500	902	973	886	1 830	858A	381	2320	1840	10
11	1730	1880	1670	4330	886	889	877	1 810	800E	380	2310	1820	11
12	1720	1880	1670	4840	836	1 210	884	1 380	880E	371	2370	1800	12
13	1720	1880	1680	5230	808	1 230	813	1 280	880E	388	2370	1670	13
14	1720	1880	1680	7600	780	1 190	778	1 210	848E	347	2330	1840	14
15	1720	1880	1670	9100	853	1 190	784	1 180	825E	338	2240	1610	15
16	1720	1880	1740	1 1200	835	1 200	781	1 180	820E	331	2150	1490	16
17	1710	1880	1830	1 3600	938	1 120	788	1 130	825E	328	2000	1470	17
18	1710	1880	1830	1 580	913	1 100	738	1 080	820E	321	1820	1480	18
19	1710	1880	1810	1 250	884	1 280	721	1 010	840E	307	1720	1420	19
20	1710	1880	1780	1 380	955	1 230	723	952	880E	287	1700	1380	20
21	1710	1870	1770	1 170	917	1 180	735	887	885E	288	1800	1370	21
22	1710	1870	1740	988	887	1 180	729	888	840E	284	1680	1380	22
23	1700	1870	1740	934	870	1 070	702	828	813A	283	1780	1320	23
24	1700	1870	1800	884	870	1 010	678	813	488	280	1740	1270	24
25	1700	1870	1820	811	881	980	847	810	483	271	1700	1280	25
26	1700	1870	1840	771	880	887	835	841	444	285	1880	1230	26
27	1700	1870	1880	737	872	1 020	829	848	428	289	1850	1180	27
28	1700	1870	1840	718	858	1 010	831	808	411	288	2000	1150	28
29	1880		1850	888	853	929	833	784	398	283	1970	1120	29
30	1880		1850	708	842	884	827	728A	404	288	1950	1080	30
31	1880		1880		840		852	888E		288		1040	31
TOTAL	5 321	4 708	5 410	20 474	25 388	32 149	23 224	33 511	18 888	10 190	6 318	4 885	TOTAL
MEAN	172	188	175	882	882	1 070	748	1 080	885	329	211	148	MEAN
MAX	174	188	188	1 880	885	1 280	877	2 080	720	408	281	190	MAX
MIN	188	187	188	180	721	847	828	885	388	283	170	104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 818
MAXIMUM DAILY, 2 080 ON AUG 7
MINIMUM DAILY, 1048 ON DEC 31
MAXIMUM INSTANTANEOUS,
2 240 AT 20:55 MST ON AUG 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 46 50 N
LONG 111 24 00 W
DRAINAGE AREA, 133 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	880 000	JUL 2 010 000	
FEB	807 000	AUG 2 800 000	
MAR	887 000	SEP 1 440 000	
APR	1 770 000	OCT 880 000	
MAY	2 280 000	NOV 846 000	
JUN	2 780 000	DEC 387 000	

TOTAL DISCHARGE, 18 300 000 dam³

ATHABASCA RIVER NEAR JASPER - STATION NO. 07AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.88	11.7	7.708	11.3	88.0	130	281E	337	148	71.6	30.1	12.8 B	1
2	14.78	11.3 B	8.208	11.8	92.7	112	270E	308	180	74.2	29.1	15.1 B	2
3	15.18	10.4 B	8.80	12.8	78.8	108	282A	271	143	78.0	27.8	14.8 B	3
4	11.88	10.5 B	9.12	13.9	81.5	123	280E	271	131	87.3	27.1	14.1 B	4
5	10.18	10.8 B	10.8	14.8	84.2	211	280E	274	129	88.4	28.3	13.8 B	5
6	10.08	10.8	12.8	15.0	84.3	240	258A	248	128	88.3	28.8	13.0 B	6
7	10.28	10.8	13.8	15.8	72.4	308	235E	231	118	83.1	24.3	13.8 B	7
8	10.48	8.908	12.0 B	14.8	118	284	228E	235	108	80.8	23.8	12.9 B	8
9	10.88	10.5	11.0 B	13.7	187	311	220E	232	112	48.1	23.0	12.0 B	9
10	12.58	10.5	10.2 B	13.2	171	338	220E	280	131	43.3	23.4	11.4 B	10
11	12.58	10.5	10.4 B	13.8	142	285	210E	231	119	41.8	23.2	11.1 B	11
12	12.28	10.8	10.8	12.9	174	301	192E	181	124	40.8	24.1	11.3 B	12
13	11.48	10.1	10.8	12.3	177	422	188E	188	127	38.8	22.8	10.8 B	13
14	11.08	10.2	10.8	12.8	131	380	200E	153	118	37.8	22.8	10.3 B	14
15	10.38	8.808	11.0	13.2	117	373	210E	142	138	38.2	21.4	10.0 B	15
16	10.08	8.62	8.808	13.0	108	373	210E	138	114	34.8	19.8	9.808	16
17	10.68	8.78	10.3 B	12.8	105	329A	188E	132	83.0	33.3	14.8	8.808	17
18	10.68	8.808	11.2	12.2	114	268A	158A	124	82.3	31.8	14.4	10.8 B	18
19	10.88	8.808	11.1	11.7	107	221E	145E	119	75.4	30.7	20.5	10.4 B	19
20	12.18	8.27	11.3	11.3	91.5	218E	140E	138	71.8	30.2	21.2	10.3 B	20
21	11.78	8.808	11.1	11.4	82.2	248A	150E	135	78.1	30.4	22.0	10.0 B	21
22	11.28	8.108	10.4 B	11.8	76.5	259E	170E	122	81.8	28.5	21.0	10.2 B	22
23	11.48	7.908	8.908	11.8	70.8	225E	192A	119	87.5	28.8	19.8	9.858	23
24	13.48	7.808	10.8 B	11.8	69.8	190E	205E	122	88.1	28.8	18.8	9.258	24
25	13.38	8.598	10.8 B	11.8	77.8	110E	226E	131	81.7	28.3	18.1	9.088	25
26	12.5	8.208	9.808	11.4	85.8	140E	240E	118	86.2	28.0	15.48	9.828	26
27	12.4	8.008	8.008	11.7	135	180E	258E	123	82.8	28.5	18.58	9.048	27
28	12.2	7.708	8.108	13.8	182	238A	271A	130	75.1	28.8	15.48	9.288	28
29	12.0		8.508	21.4	171	245E	272A	137	88.2	27.5	12.78	8.848	29
30	12.0		11.8	38.1	148	265E	278	124	88.8	28.0	11.78	8.388	30
31	11.8		11.3		180		291	128		28.8		8.878	31
TOTAL	388.4	288.88	322.82	418.8	3 438.3	7 813	8 938	8 888	3 217.8	1 288.8	838.3	341.81	TOTAL
MEAN	11.8	8.80	10.4	13.8	111	280	224	178	107	41.8	21.2	11.0	MEAN
MAX	18.1	11.7	12.8	38.1	177	422	282	337	180	87.3	30.1	15.1	MAX
MIN	10.0	7.80	7.70	11.3	84.2	108	140	118	88.2	28.8	11.7	8.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.0
MAXIMUM DAILY, 422 ON JUN 13
MINIMUM DAILY, 7.808 ON FEB 24
MAXIMUM INSTANTANEOUS,
442 AT 09:55 MST ON JUN 13

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 35 N
LONG 118 03 25 W
DRAINAGE AREA, 3 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 800	JUL 588 000	
FEB	23 200	AUG 480 000	
MAR	27 800	SEP 278 000	
APR	34 000	OCT 112 000	
MAY	287 000	NOV 88 000	
JUN	848 000	DEC 28 800	

TOTAL DISCHARGE, 2 820 000 dam³

ATHABASCA RIVER NEAR OLD FORT - STATION NO. 07DD011

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	211.264	---	---	211.183	212.472	211.901	212.128	211.388	211.742	---	---	---	1
2	211.273	---	---	211.208	212.410	211.928	211.974	211.470	211.888	---	---	---	2
3	211.262	---	---	211.226	212.380	211.988	211.836	211.510	211.815	---	---	---	3
4	211.256	---	---	211.241	212.308	212.087	211.788	211.853	211.582	---	---	---	4
5	211.257	---	---	211.279	212.257	212.288	211.748	211.747	211.628	---	---	211.324	5
6	211.254	---	---	211.331	212.203	212.481	211.817	211.747	211.488	---	---	211.352	6
7	---	---	---	211.380	212.184	212.858	211.884	211.803	211.818	---	---	211.388	7
8	---	---	---	211.434	212.133	212.677	211.893	213.457	211.800	---	---	211.321	8
9	---	---	---	211.604	212.088	212.812	211.889	213.854	211.462	---	---	211.289	9
10	---	---	---	211.588	212.048	212.889	211.868	213.578	211.495	---	---	211.282	10
11	---	---	---	211.701	212.080	212.573	211.878	213.382	211.588	---	---	211.211	11
12	---	---	---	211.847	212.082	212.510	211.882	213.331	211.658	---	---	211.148	12
13	---	---	---	212.018	212.104	212.517	211.921	213.181	211.482	---	---	211.119	13
14	---	---	---	212.228	212.148	212.778	211.882	212.987	211.380	---	---	211.093	14
15	---	---	---	212.481	212.103	212.898	211.820	212.817	211.347	---	---	211.044	15
16	---	---	211.082	212.684	212.033	212.818	211.737	212.705	211.338	---	---	211.028	16
17	---	---	211.081	212.881	212.088	212.788	211.678	212.681	211.280	---	---	211.010	17
18	---	---	211.082	---	212.139	212.728	211.648	212.632	211.239	---	---	211.002	18
19	---	---	211.082	---	212.201	212.638	211.648	212.574	211.183	---	---	210.988	19
20	---	---	211.073	---	212.237	212.577	211.617	212.480	211.142	---	---	210.973	20
21	---	---	211.088	---	212.278	212.741	211.581	212.383	211.177	---	---	210.981	21
22	---	---	211.102	---	212.300	212.738	211.581	212.280	211.187	---	---	211.011	22
23	---	---	211.117	---	212.239	212.837	211.584	212.147	211.211	---	---	211.021	23
24	---	---	211.127	---	212.183	212.582	211.578	212.047	211.228	---	---	211.024	24
25	---	---	211.124	---	212.083	212.480	211.548	211.989	211.208	---	---	211.019	25
26	---	---	211.120	---	212.058	212.383	211.445	211.908	211.188	---	---	211.018	26
27	---	---	211.115	---	---	212.240	211.383	211.888	211.083	---	---	210.988	27
28	---	---	211.112	---	---	212.221	211.383	211.850	---	---	---	210.970	28
29	---		211.127	212.841	212.080	212.283	211.348	211.885	---	---	---	210.983	29
30	---		211.152	212.548	212.014	212.239	211.330	211.829	---	---	---	210.939	30
31	---		211.171		211.933		211.330	211.635		---		210.902	31
MEAN	---	---	---	---	---	212.475	211.895	212.384	---	---	---	---	MEAN
MAX	---	---	---	---	---	212.898	212.128	213.854	---	---	---	---	MAX
MIN	---	---	---	---	---	211.901	211.330	211.388	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 213.854 ON AUG 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 22 28 N
LONG 111 31 18 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER NEAR WINDFALL - STATION NO. 07AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	54.0B	51.0B	90.2	403	488	488	327	173	98.1	---	1
2	---	---	53.9B	64.4B	129	387	606	840	328	187	101	---	2
3	---	---	53.3B	108 B	178	362	511	1 610	361	170	97.9A	---	3
4	---	---	52.9B	131 B	224	318	532	1 240	368	173	---	---	4
5	---	---	52.5B	155 B	264	307	584	1 020	349	182	---	---	5
6	---	---	52.4B	176 B	182	382	585	932	321	188	---	---	6
7	---	---	52.3B	200 B	158	531	548	823	307	172	---	---	7
8	---	---	52.2B	211 B	183	856	504	708	282	158	---	---	8
9	---	---	52.1B	218 B	198	818	474	637	280	149	---	---	9
10	---	---	52.0B	215 B	284	808	485	804	285	143	---	---	10
11	---	---	52.1B	210 B	366	851	450	802	280	140	---	---	11
12	---	---	52.2B	195 B	389	849	431	809	267	134	---	---	12
13	---	---	52.3B	180 B	341	883	398	858	271	128	---	---	13
14	---	---	52.4B	105 B	387	883	386	818	276	125	---	---	14
15	---	---	52.5B	95.0B	380	821	394	461	269	132	---	---	15
16	---	---	52.6B	89.0B	324	780	415	451	260	120	---	---	16
17	---	---	52.7B	85.0E	287	738	423	427	268	118	---	---	17
18	---	---	52.6B	80.5E	278	886	389	407	267	115	---	---	18
19	---	---	52.9B	78.0E	287	818	384	388	233	113	---	---	19
20	---	---	53.0B	78.0E	310	886	337	380	211	108	---	---	20
21	---	---	53.2B	74.6E	300	889	331	408	201	110	---	---	21
22	---	---	53.4B	74.1A	281	897	332	438	186	108	---	---	22
23	---	---	53.6B	71.8	271	832	340	427	187	104	---	---	23
24	---	---	53.8B	70.9	288	877	347	388	188	101	---	---	24
25	---	---	53.9B	70.6	267	478	368	372	208	103	---	---	25
26	---	---	54.0B	69.1	241	403	381	380	208	101	---	---	26
27	---	---	54.1B	68.1	258	383	407	348	204	102	---	---	27
28	---	---	54.2B	67.5	308	420	435	342	210	102	---	---	28
29	---		54.5B	68.4	384	474	433	342	203A	99.5	---	---	29
30	---		55.0B	72.5	434	800	432	351	184	97.6	---	---	30
31	---		57.0B		433		440	351		97.4		---	31
TOTAL	---	---	1 649.6	3 440.9	8 800.2	18 343	13 372	17 852	7 813	4 030.7	---	---	TOTAL
MEAN	---	---	53.2	115	277	545	431	575	260	130	---	---	MEAN
MAX	---	---	57.0	218	434	821	585	1 610	368	188	---	---	MAX
MIN	---	---	52.0	51.0	90.2	307	331	342	184	97.4	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 386
MAXIMUM DAILY, 1 610 ON AUG 3
MINIMUM DAILY, 52.0B ON MAR 10
MAXIMUM INSTANTANEOUS,
1 670 AT 13:10 MST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 25 N
LONG 115 03 45 W
DRAINAGE AREA, 19 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 150 000
FEB	---	AUG	1 540 000
MAR	143 000	SEP	675 000
APR	297 000	OCT	347 000
MAY	743 000	NOV	---
JUN	1 610 000	DEC	---

TOTAL DISCHARGE, 6 320 000 dam³

ATIM CREEK NEAR SPRUCE GROVE - STATION NO. 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.488	0.331	0.287	0.091	0.307	0.032	0.088	---	---	1
2	---	---	0 B	0.480	0.331	0.296	0.083	0.183	0.039	0.081	---	---	2
3	---	---	0 B	0.842	0.317	0.371	0.070	0.128	0.240	0.081	---	---	3
4	---	---	0 B	0.573	0.323	0.321	0.085	0.123	0.187	0.073	---	---	4
5	---	---	0.0058	0.526	0.367	0.194	0.078	0.838	0.089	0.073	---	---	5
6	---	---	0.0058	0.445	0.318	0.205	0.088	0.240	0.045	0.073	---	---	6
7	---	---	0.0058	0.388	0.320	0.150	0.087	0.110	0.084	0.075	---	---	7
8	---	---	0.0058	0.378	0.321	0.087	0.078	0.121	0.153	0.086	---	---	8
9	---	---	0.0058	0.412	0.313	0.044	0.078	0.121	0.095	0.078	---	---	9
10	---	---	0.0058	0.378	0.319	0.131	0.087	0.130	0.123	0.078	---	---	10
11	---	---	0.0058	0.378	0.285	0.181	0.081	0.124	0.130	0.100	---	---	11
12	---	---	0.0058	0.380	0.220	0.118	0.078	0.112	0.141	0.110	---	---	12
13	---	---	0.0058	0.383	0.184	0.020	0.084	0.108	0.134	0.123	---	---	13
14	---	---	0.0058	0.388	0.174	0.027	0.087	0.124	0.134	0.118	---	---	14
15	---	---	0.0058	0.333	0.174	0.037	0.078	0.118	0.135	0.124	---	---	15
16	---	---	0.0058	0.282	0.170	0.026	0.078	0.117	0.103	0.112	---	---	16
17	---	---	0.0058	0.251	0.170	0.008	0.083	0.137	0.113	0.108	---	---	17
18	---	---	0.0058	0.222	0.181	0	0.084	0.122	0.104	0.108	---	---	18
19	---	---	0.0058	0.208	0.221	0	0.091	0.085	0.099	0.105	---	---	19
20	---	---	0.0058	0.182	0.288	0	0.080	0.008	0.112	0.115	---	---	20
21	---	---	0.0058	0.178	0.280	0.013	0.092	0.080	0.131	0.114	---	---	21
22	---	---	0.0058	0.188	0.268	0.073	0.117	0.057	0.119	0.092	---	---	22
23	---	---	0.0058	0.138	0.248	0.058	0.085	0.058	0.101	0.085	---	---	23
24	---	0.0208	0.0058	0.149	0.231	0.037	0.102	0.100	0.128	0.088	---	---	24
25	---	---	0.0488	0.153	0.285	0.022	0.078	0.114	0.077	0.084	---	---	25
26	---	---	0.0868	0.188	0.287	0.048	0.120	0.070	0.085	0.084	---	---	26
27	---	---	0.1318	0.182	0.288	0.081	0.088	0.108	0.111	0.088A	---	---	27
28	---	---	0.1858	0.180	0.226	0.078	0.078	0.118	0.081	0.088E	---	---	28
29	---		0.2478	0.313	0.314	0.081	0.078	0.137	0.080	0.088E	---	---	29
30	---		0.3808	0.318	0.324	0.089	0.108	0.078	0.087	0.088E	---	---	30
31	---		0.5038		0.286		0.217	0.028		0.088E		---	31
TOTAL	---	---	1.880	9.473	8.283	2.888	3.788	3.843	3.237	3.884	---	---	TOTAL
MEAN	---	---	0.084	0.316	0.288	0.089	0.089	0.127	0.108	0.088	---	---	MEAN
MAX	---	---	0.503	0.573	0.367	0.371	0.217	0.838	0.240	0.124	---	---	MAX
MIN	---	---	0	0.138	0.184	0	0.087	0.008	0.022	0.073	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.157
MAXIMUM DAILY, 0.573 ON APR 4
MINIMUM DAILY, 0 ON JUN 18
MAXIMUM INSTANTANEOUS,
0.773 AT 08:17 MST ON AUG 5

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 53 34 20 N
LONG 113 58 00 W
DRAINAGE AREA, 315 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	341
MAR	143	SEP	270
APR	816	OCT	256
MAY	717	NOV	---
JUN	256	DEC	---

TOTAL DISCHARGE, 2 910 dam³

ATIMOSWE CREEK NEAR ELK POINT - STATION NO. 05ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.1188	0.401	0.048	0.002	0.004	0.003	0.134	---	---	1
2	---	---	0.0108	0.2708	0.389	0.051	0.004	0.005	0.080	0.092	---	---	2
3	---	---	0.0108	0.8108	0.337	0.054	0.003	0.008	0.118	0.084	---	---	3
4	---	---	0.0108	1.40 E	0.301	0.048	0.001	0.003	0.082	0.088	---	---	4
5	---	---	0.0108	1.85 E	0.252	0.038	0	0.003	0.007	0.083	---	---	5
6	---	---	0.0118	2.30 E	0.245	0.037	0	0.003	0.005	0.079	---	---	6
7	---	---	0.0118	2.85 E	0.228	0.038	0.002	0.002	0.003	0.083	---	---	7
8	---	---	0.0128	4.13 E	0.224	0.035	0.002	0.001	0.001	0.103	---	---	8
9	---	---	0.0128	4.48 E	0.200	0.037	0.017	0	0.001	0.083	---	---	9
10	---	---	0.0128	5.06 E	0.207	0.028	0.018	0	0.002	0.070	---	---	10
11	---	---	0.0128	5.42 E	0.183	0.024	0.008	0.001	0.002	0.048	---	---	11
12	---	---	0.0138	5.04 E	0.170	0.024	0.007	0.001	0.002	0.012	---	---	12
13	---	---	0.0138	4.62	0.157	0.023	0.004	0.002	0.002	0.007	---	---	13
14	---	---	0.0148	4.80	0.140	0.020	0.002	0.002	0.002	0.005	---	---	14
15	---	---	0.0148	4.55	0.131	0.018	0.002	0.002	0.003	0.007	---	---	15
16	---	---	0.0158	4.48	0.127	0.014	0	0.002	0.002	0.007	---	---	16
17	---	---	0.0158	4.30	0.113	0.013	0	0.003	0.058	0.008	---	---	17
18	---	---	0.0138	3.72	0.107	0.010	0	0.003	0.189	0.005	---	---	18
19	---	---	0.0138	3.24	0.117	0.008	0	0.003	0.177	0.004	---	---	19
20	---	---	0.0168	2.71	0.128	0.007	0	0.003	0.133	0.004	---	---	20
21	---	---	0.0178	2.28	0.108	0.008	0	0.008	0.118	0.005	---	---	21
22	---	---	0.0188	1.87	0.100	0.008	0	0.008	0.118	0.008	---	---	22
23	---	---	0.0188	1.84	0.091	0.008	0	0.005	0.128	0.008	---	---	23
24	---	---	0.0208	1.31	0.084	0.004	0	0.003	0.188	0.007	---	---	24
25	---	---	0.0228	1.11	0.080	0.003	0	0.004	0.097	0.008	---	---	25
26	---	---	0.0228	0.918	0.078	0.002	0	0.003	0.111	0.008	---	---	26
27	---	---	0.0218	0.778	0.088	0.001	0	0.002	0.112	0.004	---	---	27
28	---	---	0.0218	0.627	0.085	0.001	0	0.003	0.108	0.003	---	---	28
29	---		0.0248	0.485	0.084	0.001	0.003	0.008	0.121	0.002A	---	---	29
30	---		0.0318	0.443	0.048	0.001	0.003	0.003	0.122	0.002E	---	---	30
31	---		0.0588		0.048		0.003	0.001		0.002E		---	31
TOTAL	---	---	0.518	78.307	4.888	0.584	0.078	0.088	2.048	1.038	---	---	TOTAL
MEAN	---	---	0.017	2.81	0.180	0.020	0.003	0.003	0.088	0.033	---	---	MEAN
MAX	---	---	0.058	5.06	0.401	0.054	0.017	0.008	0.188	0.134	---	---	MAX
MIN	---	---	0.010	0.118	0.048	0.001	0	0	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.358
MAXIMUM DAILY, 5.06 ON APR 10
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
8.63 AT 10:57 MST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 53 53 10 N
LONG 110 55 10 W
DRAINAGE AREA, 384 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.83
FEB	---	AUG	7.99
MAR	44.8	SEP	177
APR	770	OCT	88.8
MAY	439	NOV	---
JUN	81.3	DEC	---

TOTAL DISCHARGE, 7 580 dam³

BABBITT CREEK NEAR COLINTON - STATION NO. 07CA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	0.039	0.187	0.003	0.001	0.001	0.001	0.001E	---	1
2	---	---	0 B	0.0108	0.037	0.184	0.002	0.001	0.001	0.001	0.001E	---	2
3	---	---	0 B	0.0208	0.040	0.248	0.002	0.001	0.001	0.001	0.001A	---	3
4	---	---	0 B	0.0508	0.030	0.079	0.002	0.001	0.001	0.001	---	---	4
5	---	---	0 B	0.1208	0.032	0.015	0.002	0.001	0.001	0.001	---	---	5
6	---	---	0 B	0.3508	0.025	0.018	0.002	0.001	0.001	0.001	---	---	6
7	---	---	0 B	0.7408	0.018	0.010	0.001	0.001	0.001	0.001	---	---	7
8	---	---	0 B	0.8408	0.013	0.005	0.002	0.001	0.001	0.001	---	---	8
9	---	---	0 B	0.8008	0.008	0.005	0.002	0.001	0.001	0.001	---	---	9
10	---	---	0 B	0.8998	0.008	0.005	0.001	0.002	0.001	0.001	---	---	10
11	---	---	0 B	0.8478	0.008	0.003	0.001	0.001	0.001	0.001	---	---	11
12	---	---	0 B	0.7018	0.007	0.002	0.001	0.001	0.001	0.001	---	---	12
13	---	---	0 B	0.5888	0.008	0.002	0.001	0.001	0.001	0.001	---	---	13
14	---	---	0 B	0.4898	0.003	0.001	0.001	0.001	0.001	0.001	---	---	14
15	---	---	0 B	0.3878	0.002	0.001	0.001	0.001	0.001	0.001	---	---	15
16	---	---	0 B	0.3288	0.002	0.001	0.001	0.001	0.001	0.001	---	---	16
17	---	---	0 B	0.2888	0.003	0.001	0.001	0.001	0.001	0.001A	---	---	17
18	---	---	0 B	0.2118	0.011A	0.001	0.001	0.001	0.001	0.001E	---	---	18
19	---	---	0 B	0.2188	0.075E	0.001	0.001	0.001	0.001	0.001E	---	---	19
20	---	---	0 B	0.1728	0.082A	0.001	0.001	0.001	0.001	0.001E	---	---	20
21	---	---	0 B	0.1438	0.044	0.002	0.001	0.001	0.001	0.001E	---	---	21
22	---	---	0 B	0.1388	0.024	0.002	0.001	0.001	0.001	0.001E	---	---	22
23	---	---	0 B	0.0928	0.019	0.001	0.001	0.001	0.001	0.001E	---	---	23
24	---	---	0 B	0.0958	0.021	0.002	0.001	0.001	0.001	0.001E	---	---	24
25	---	---	0 B	0.0998	0.030	0.002	0.001	0.001	0.001	0.001E	---	---	25
26	---	---	0 B	0.088	0.171	0.001	0.001	0.001	0.001	0.001E	---	---	26
27	---	0B	0 B	0.043	0.065	0.002	0.001	0.001	0.001	0.001E	---	---	27
28	---	0B	0 B	0.075	0.348	0.003	0	0.001	0.001	0.001E	---	---	28
29	---		0 B	0.088	0.831	0.003	0	0.001	0.001	0.001E	---	---	29
30	---		0 B	0.063	0.995	0.004	0	0.001	0.001	0.001E	---	---	30
31	---		0.0018		0.534		0.001	0.001		0.001E		---	31
TOTAL	---	---	0.001	8.803	3.524	0.793	0.037	0.032	0.030	0.031	---	---	TOTAL
MEAN	---	---	0	0.283	0.114	0.026	0.001	0.001	0.001	0.001	---	---	MEAN
MAX	---	---	0.001	0.840	0.995	0.248	0.003	0.002	0.001	0.001	---	---	MAX
MIN	---	---	0	0.004	0.002	0.001	0	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.053
MAXIMUM DAILY, 0.995 ON MAY 30
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.72 AT 15:54 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 10 N
LONG 113 04 45 W
DRAINAGE AREA, 222 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.20
FEB	---	AUG	2.75
MAR	0.08	SEP	2.59
APR	736	OCT	2.68
MAY	304	NOV	---
JUN	66.5	DEC	---

TOTAL DISCHARGE 1 120 dam³

BAPTISTE LAKE NEAR ATHABASCA - STATION NO. 07BE002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	678.137	678.088	678.188	678.128	---	---	1
2	---	---	---	---	---	678.235	678.127	678.108	678.184	678.128	---	---	2
3	---	---	---	---	---	678.230	678.127	678.108	678.174	678.134	678.100	---	3
4	---	---	---	---	---	678.215	678.122	678.108	678.174	678.126	---	---	4
5	---	---	---	---	678.384	678.210	678.117	678.108	678.178	678.127	---	---	5
6	---	---	---	---	678.384	678.231	678.107	678.108	678.174	678.137	---	---	6
7	---	---	---	---	678.384	678.218	678.102	678.108	678.188	678.127	---	---	7
8	---	---	---	---	678.384	678.211	678.102	678.108	678.184	678.118	---	---	8
9	---	---	---	---	678.348	678.214	678.107	678.108	678.184	678.118	---	---	9
10	---	---	---	678.678	678.348	678.228	678.103	678.128	678.184	678.118	---	---	10
11	---	---	---	---	678.344	678.221	678.087	678.138	678.184	678.114	---	---	11
12	---	---	---	---	678.328	678.201	678.087	678.138	678.184	678.108	---	---	12
13	---	---	---	---	678.318	678.201	678.082	678.138	678.188	678.107	---	---	13
14	---	---	---	---	678.314	678.208	678.087	678.138	678.188	678.104	---	---	14
15	---	---	---	---	678.304	678.208	678.082	678.138	678.188	678.104	---	---	15
16	---	---	---	---	678.295	678.201	678.072	678.138	678.184	678.098	---	---	16
17	---	---	---	---	678.278	678.188	678.072	678.144	678.148	678.088	---	---	17
18	---	---	---	---	678.278	678.181	678.084	678.143	678.148	678.088	---	---	18
19	---	---	---	---	678.288	678.188	678.083	678.148	678.148	678.084	---	---	19
20	---	---	---	---	678.288	678.178	678.084	678.144	678.144	678.084	---	---	20
21	---	---	---	---	678.288	678.178	678.088	678.148	678.148	678.088	---	---	21
22	---	---	---	---	678.278	---	678.083	678.188	678.180	678.088	---	---	22
23	---	---	---	---	678.288	---	678.084	678.188	678.148	678.084	---	---	23
24	---	678.512	---	---	678.278	---	678.088	678.188	678.144	678.084	---	---	24
25	---	---	---	---	678.288	678.181	678.088	678.188	678.144	---	---	---	25
26	---	---	---	---	678.280	678.141	678.088	678.188	678.144	---	---	---	26
27	---	---	---	---	678.288	678.132	678.088	678.188	678.138	678.084	---	---	27
28	---	---	---	---	678.280	678.127	678.083	678.148	678.134	678.084	---	---	28
29	---		---	---	678.268	678.137	678.073	678.184	678.134	678.082	---	---	29
30	---		---	---	678.240	678.137	678.078	678.184	678.138	678.082	---	---	30
31	---		---		678.238		678.078	678.188		678.081		---	31
MEAN	---	---	---	---	---	---	678.087	678.138	678.185	---	---	---	MEAN
MAX	---	---	---	---	---	---	678.137	678.188	678.178	---	---	---	MAX
MIN	---	---	---	---	---	---	678.083	678.088	678.138	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 14 N
LONG 113 31 51 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 303 km²

BAPTISTE RIVER NEAR THE MOUTH - STATION NO. 05DC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.868	1.788	1.288	1.828	4.88E	4.81	2.20	5.38	5.11	1.99	1.09	0.9708	1
2	1.878	1.748	1.278	2.308	4.81E	4.28	2.22	5.80	4.88	1.93	1.88	1.27 B	2
3	1.878	1.748	1.278	3.308	4.83E	3.77	2.14	5.78	4.38	1.84	1.87	1.34 B	3
4	1.888	1.738	1.288	4.808	4.48E	3.32	2.34	5.82	4.28	1.88	1.87	1.48 B	4
5	1.868	1.738	1.318	5.508	4.43E	3.04	3.13	5.34	4.09	2.09	1.87	1.89 B	5
6	1.858	1.718	1.338	6.808	4.38E	2.88	5.80	5.08	3.88	2.22	1.87	1.82 B	6
7	1.858	1.898	1.388	7.508	4.30E	2.61	7.05	4.70	3.48	2.28	1.82 B	1.38 B	7
8	1.858	1.878	1.398	7.258	4.25E	2.18	7.58	4.21	3.20	2.28	1.38 B	1.08 B	8
9	1.888	1.848	1.438	7.228	4.21E	2.05	7.85	3.80	3.09	2.18	1.42 B	0.8088	9
10	1.888	1.818	1.478	7.108	4.18E	2.14	8.33	5.12	2.88	1.97	1.74 B	0.7788	10
11	1.878	1.888	1.518	8.868	4.12E	2.84	10.3	7.19	2.97	1.91	1.81 B	0.7148	11
12	1.878	1.578	1.558	8.858	4.09A	2.97	8.38	8.25	2.87	1.82	1.58 B	0.6838	12
13	1.888	1.558	1.578	8.758	4.21	2.84	7.88	8.17	2.88	1.77	1.82 B	0.7438	13
14	1.888	1.538	1.588	8.838	4.18	2.83	8.88	8.04	2.53	1.78	1.87 B	0.7818	14
15	1.888	1.518	1.808	8.51E	4.11	2.28	8.24	8.82	2.37	1.78	1.37 B	0.7288	15
16	1.888	1.488	1.808	8.38E	3.85	2.20	7.41	8.21	2.32	1.75	1.18 B	0.7108	16
17	1.898	1.458	1.808	8.28E	3.86	2.78	7.89	8.71	2.34	1.89	0.8848	0.8908	17
18	1.898	1.448	1.808	8.15E	3.35	3.38	7.82	8.32	2.23	1.80	1.14 B	0.8708	18
19	1.708	1.438	1.808	8.03E	4.03	4.50	6.47	7.80	2.20	1.81	2.06 B	0.8508	18
20	1.708	1.428	1.808	8.82E	8.74	4.51	11.4	8.88	2.09	1.80	2.48 B	0.8308	20
21	1.708	1.418	1.808	8.80E	7.75	3.89	12.0	8.28	2.07	1.81	2.46 B	0.8208	21
22	1.718	1.408	1.808	8.88E	8.34	3.87	11.8	8.49	2.01	1.80	2.33 B	0.8108	22
23	1.718	1.388	1.808	8.85E	10.8	3.35	13.1	4.85	1.91	1.49	2.08 B	0.8108	23
24	1.718	1.368	1.808	8.43E	11.2	3.00	10.5	4.35	1.89	1.42	1.70 B	0.8008	24
25	1.728	1.348	1.808	8.32E	11.3	2.78	8.58	4.05	1.88	1.88	1.49 B	0.8008	25
26	1.728	1.328	1.808	8.21E	10.3	2.42	8.41	4.18	1.90	1.47	1.32 B	0.8008	26
27	1.738	1.318	1.808	8.08E	8.99	2.13	10.8	4.48	1.88	1.89	1.28 B	0.8908	27
28	1.738	1.308	1.808	4.89E	7.81	2.08	8.28	4.10	1.87	1.84	1.15 B	0.8908	28
28	1.748		1.878	4.88E	8.87	2.05	7.85	4.00	1.89	1.78	1.14 B	0.8908	29
30	1.758		1.748	4.78E	8.08	2.04	8.23	4.88	2.08	1.70	1.08 B	0.8808	30
31	1.768		1.838		5.40		5.84	5.34		1.88		0.8708	31
TOTAL	52.42	42.78	47.28	170.84	180.92	88.28	236.28	183.13	83.22	58.82	47.304	25.817	TOTAL
MEAN	1.88	1.53	1.52	5.88	5.84	2.98	7.62	5.91	2.77	1.80	1.53	0.833	MEAN
MAX	1.78	1.78	1.83	7.50	11.3	4.81	13.1	8.21	5.11	2.28	2.48	1.88	MAX
MIN	1.88	1.30	1.27	1.82	3.38	2.03	2.14	3.80	1.88	1.42	0.884	0.870	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.33
MAXIMUM DAILY, 13.1 ON JUL 23
MINIMUM DAILY, 0.8708 ON DEC 31
MAXIMUM INSTANTANEOUS
13.8 AT 03:13 MST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 58 N
LONG 115 04 27 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 530	JUL	20 400
FEB	3 700	AUG	15 800
MAR	4 980	SEP	7 190
APR	14 700	OCT	4 620
MAY	15 800	NOV	4 090
JUN	7 710	DEC	2 230

TOTAL DISCHARGE 105 000 dam³

BARE CREEK RESERVOIR NEAR ELKWATER - STATION NO. 11AB004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1138.401E	1137.389	1137.088	1136.883	1136.483	1136.317	1135.914	1135.784	1135.688E	---	1
2	---	---	1138.404E	1137.380	1137.079	1136.854	1136.476	1136.234	1135.902	1135.778	1135.688E	---	2
3	---	---	1138.408E	1137.389	1137.071	1136.852	1136.469	1136.135	1135.892	1135.777	1135.687E	---	3
4	---	---	1138.500E	1137.380	1137.072	1136.854	1136.459	1136.038	1135.890	1135.762	1135.687A	---	4
5	---	---	1137.917A	1137.348	1137.070	1136.851	1136.449	1135.954	1135.890	1135.754	---	---	5
6	---	---	1137.478A	1137.329	1137.070	1136.841	1136.439	1135.937	1135.881	1135.752	---	---	6
7	---	---	1137.535E	1137.305	1137.068	1136.836	1136.428	1135.938	1135.878	1135.744	---	---	7
8	---	---	1137.483E	1137.277	1137.063	1136.823	1136.431	1135.928	1135.873	1135.739	---	---	8
9	---	---	1137.443E	1137.264	1137.059	1136.821	1136.422	1135.919	1135.884	1135.728	---	---	9
10	---	---	1137.408E	1137.237	1137.050	1136.813	1136.413	1135.915	1135.881	1135.726	---	---	10
11	---	1138.380A	1137.385A	1137.219	1137.045	1136.807	1136.408	1135.898	1135.858	1135.729	---	---	11
12	---	1138.377	1137.330	1137.210	1137.040	1136.806	1136.403	1135.889	1135.852	1135.729	---	---	12
13	1138.407A	1138.378	1137.302	1137.200	1137.030	1136.881	1136.401	1135.886	1135.849	1135.724	---	---	13
14	---	1138.382	1137.324	1137.181	1137.028	1136.888	1136.397	1135.880	1135.841	1135.718	---	---	14
15	---	1138.379	1137.387	1137.178	1137.027	1136.884	1136.380	1135.883	1135.837	1135.717	---	---	15
16	---	1138.379	1137.373	1137.188	1137.018	1136.872	1136.375	1135.883	1135.834	1135.711	---	---	16
17	---	1138.384	1137.348	1137.180	1137.010	1136.864	1136.381	1135.896	1135.832	1135.710	---	---	17
18	---	1138.387	1137.336	1137.163	1137.008	1136.860	1136.380	1135.895	1135.818	1135.704	---	---	18
19	---	1138.388	1137.335	1137.145	1136.987	1136.881	1136.384	1135.881	1135.817	1135.702	---	---	19
20	---	1138.390	1137.315	1137.136	1136.988	1136.880	1136.387	1135.887	1135.812	1135.894	---	---	20
21	---	1138.392	1137.281	1137.131	1136.980	1136.859	1136.381	1135.874	1135.812	1135.880	---	---	21
22	---	1138.393	1137.270	1137.123	1136.980	1136.846	1136.365	1135.886	1135.808	1135.892	---	---	22
23	---	1138.394	1137.247	1137.111	1136.983	1136.833	1136.353	1135.885	1135.803	1135.889	---	---	23
24	---	1138.392	1137.230	1137.113	1136.982	1136.778	1136.351	1135.903	1135.795	1135.888	---	---	24
25	---	1138.393	1137.232	1137.111	1136.978	1136.888	1136.349	1135.940	1135.790	1135.886	---	---	25
26	---	1138.393A	1137.227	1137.104	1136.979	1136.817	1136.350	1135.838	1135.788	1135.886	---	---	26
27	---	1138.398E	1137.238A	1137.103	1136.986	1136.838	1136.350	1135.833	1135.787	1135.884A	---	---	27
28	---	1138.398E	1137.230A	1137.104	1136.987	1136.803	1136.348	1135.831	1135.793	1135.884E	---	---	28
29	---		1137.218A	1137.098	1136.984	1136.498	1136.348	1135.824	1135.791	1135.885E	---	---	29
30	---		1137.230	1137.095	1136.981	1136.485	1136.353	1135.916	1135.787	1135.885E	---	---	30
31	---		1137.328		1136.972		1136.347	1135.918		1135.885E		---	31
MEAN	---	---	1137.201	1137.203	1137.022	1136.826	1136.392	1135.943	1135.838	1135.717	---	---	MEAN
MAX	---	---	1137.535	1137.389	1137.088	1136.883	1136.483	1136.317	1135.914	1135.784	---	---	MAX
MIN	---	---	1138.401	1137.095	1136.972	1136.485	1136.347	1135.885	1135.787	1135.884	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 1137.535E ON MAR 7
MINIMUM DAILY, 1135.884A ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 08 N
LONG 110 23 46 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

DRAINAGE AREA,
24.1 km²

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

BARRIER LAKE NEAR SEEBE - STATION NO. 05BF024

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1370.88	1387.19	1370.16	1370.82	1374.21	1370.88	1371.89	1373.82	1375.08	1375.13	1375.16	1375.11	1
2	1370.81	1388.70	1370.35	1370.83	1374.31	1370.89	1371.23	1374.01	1375.07	1376.07	1376.16	1375.11	2
3	1370.84	1387.10	1370.08	1371.05	1374.19	1370.70	1371.31	1374.07	1376.04	1376.13	1376.01	1376.14	3
4	1370.71	1387.37	1389.77	1371.16	1374.10	1370.63	1371.55	1374.03	1374.89	1376.18	1374.87	1376.16	4
5	1370.70	1387.10	1389.68	1371.28	1374.20	1370.48	1371.82	1374.05	1374.87	1376.13	1374.94	1376.35	5
6	1370.78	1388.89	1389.60	1371.40	1374.48	1370.68	1372.18	1374.05	1374.78	1376.08	1374.88	1376.38	6
7	1370.88	1388.46	1389.29	1371.61	1374.38	1371.21	1372.48	1374.03	1374.71	1376.17	1376.17	1376.23	7
8	1370.80	1388.01	1388.88	1371.83	1374.11	1371.23	1372.78	1373.97	1374.68	1376.20	1376.22	1376.28	8
9	1370.62	1388.80	1388.48	1371.78	1373.90	1371.33	1373.05	1373.88	1374.83	1376.18	1376.00	1376.28	9
10	1370.22	1388.48	1388.41	1371.87	1373.87	1371.18	1373.13	1373.88	1374.98	1376.20	1374.83	1376.28	10
11	1389.71	1388.95	1388.28	1371.88	1373.44	1371.01	1373.05	1374.02	1375.12	1376.22	1376.01	1376.28	11
12	1389.48	1387.38	1388.38	1372.09	1373.33	1370.88	1372.88	1374.07	1375.02	1376.14	1374.88	1376.33	12
13	1389.38	1387.59	1388.30	1372.21	1373.02	1371.20	1372.89	1374.22	1374.81	1374.87	1375.01	1376.14	13
14	1389.28	1387.78	1388.17	1372.32	1372.68	1371.52	1372.91	1374.51	1375.04	1376.03	1376.24	1376.08	14
15	1389.18	1387.98	1388.37	1372.38	1372.13	1371.48	1372.94	1374.68	1375.17	1376.08	1376.27	1376.19	15
16	1389.08	1388.14	1388.58	1372.68	1371.87	1371.72	1372.94	1374.88	1376.18	1376.11	1376.14	1376.19	16
17	1389.07	1388.38	1388.78	1372.83	1371.53	1371.78	1372.93	1374.89	1376.14	1376.26	1376.22	1376.18	17
18	1388.87	1388.65	1388.83	1372.88	1371.28	1371.72	1372.85	1374.93	1376.11	1376.30	1376.18	1376.24	18
19	1388.45	1388.70	1389.10	1373.11	1371.31	1371.88	1372.88	1374.88	1376.23	1376.12	1376.18	1376.38	19
20	1388.42	1388.82	1389.28	1373.23	1371.19	1372.01	1373.08	1374.89	1376.21	1376.05	1376.28	1376.37	20
21	1388.38	1389.07	1388.60	1373.36	1370.98	1372.33	1373.18	1374.98	1376.15	1376.10	1376.43	1376.32	21
22	1388.28	1389.23	1388.84	1373.48	1370.80	1372.18	1373.27	1375.03	1376.11	1376.08	1376.37	1376.38	22
23	1388.15	1388.37	1388.68	1373.69	1370.78	1372.36	1373.31	1375.00	1376.08	1376.08	1376.24	1376.46	23
24	1388.24	1388.54	1388.82	1373.71	1370.80	1372.30	1373.34	1374.96	1376.01	1376.27	1376.20	1376.68	24
25	1387.98	1388.80	1388.95	1373.82	1370.72	1372.32	1373.36	1374.90	1374.98	1376.33	1376.17	1376.76	25
26	1387.46	1388.72	1370.09	1373.93	1371.08	1372.28	1373.38	1374.89	1376.12	1376.16	1376.22	1376.81	26
27	1387.33	1388.87	1370.21	1373.81	1371.04	1372.38	1373.29	1374.88	1376.24	1376.14	1376.18	1376.68	27
28	1387.33	1370.03	1370.34	1373.68	1370.80	1372.47	1373.39	1374.87	1376.18	1376.12	1376.38	1376.64	28
29	1387.77		1370.48	1373.73	1370.77	1372.61	1373.50	1374.82	1376.08	1376.05	1376.30	1376.60	29
30	1387.73		1370.57	1373.83	1370.87	1372.07	1373.82	1376.01	1376.17	1376.08	1376.11	1376.80	30
31	1387.62		1370.68		1370.87		1373.73	1374.83		1376.18		1376.76	31
MEAN	1389.16	1388.00	1388.40	1372.54	1372.33	1371.57	1372.84	1374.53	1375.05	1376.14	1376.16	1376.35	MEAN
MAX	1370.88	1370.03	1370.88	1373.93	1374.48	1372.51	1373.73	1376.03	1376.24	1376.33	1376.43	1376.76	MAX
MIN	1387.33	1388.80	1388.17	1370.82	1370.87	1370.48	1371.23	1373.82	1374.71	1374.87	1374.83	1376.08	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MEAN, 1372.82
MAXIMUM DAILY, 1376.76 ON DEC 31
MINIMUM DAILY, 1388.80 ON FEB 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 59 N
LONG 115 02 29 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
695 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BATTERSEA DRAIN NEAR THE MOUTH - STATION NO 05AD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.015	0.331	0.288	0.253	0.251	0.389	0.012	---	1
2	---	---	---	---	0.014	0.102	0.325	0.245	0.248	0.419	0.010A	---	2
3	---	---	---	---	0.011	0.330	0.350	0.316	0.328	0.580	---	---	3
4	---	---	---	---	0.011	0.388	0.343	0.106	0.252	0.764	---	---	4
5	---	---	---	---	0.010	0.400	0.375	0.118	0.377	0.883	---	---	5
6	---	---	---	---	0.009	0.410	0.434	0.301	0.808	0.481	---	---	6
7	---	---	---	---	0.008	0.327	0.339	0.279	0.938	0.541	---	---	7
8	---	---	---	---	0.007	0.457	0.355	0.283	0.880	0.426	---	---	8
9	---	---	---	---	0.007	0.284	0.351	0.287	0.402	0.480	---	---	9
10	---	---	---	---	0.008	0.243	0.400	0.432	0.317	0.244	---	---	10
11	---	---	---	---	0.047	0.107	0.308	0.581	0.304	0.074	---	---	11
12	---	---	---	---	0.070	0.238	0.148	0.407	0.335	0.047	---	---	12
13	---	---	---	---	0.084	0.101	0.132	0.158	0.324	0.034	---	---	13
14	---	---	---	---	0.332	0.309	0.088	0.178	0.402	0.031	---	---	14
15	---	---	---	---	0.187	0.328	0.180	0.372	0.425	0.028	---	---	15
16	---	---	---	---	0.352	0.088	0.088	0.578	0.427	0.025	---	---	16
17	---	---	---	---	0.651	0.228	0.187	0.863	0.388	0.026	---	---	17
18	---	---	---	---	0.817	0.241	0.889	0.561	0.337	0.022	---	---	18
19	---	---	---	---	0.488	0.538	1.29	0.378	0.285	0.021	---	---	19
20	---	---	---	---	0.405	0.310	1.07	0.432	0.423	0.020	---	---	20
21	---	---	---	---	0.400	0.438	0.678	0.318	0.548	0.018	---	---	21
22	---	---	---	---	0.438	0.424	0.745	0.314	0.584	0.018	---	---	22
23	---	---	---	0.010A	0.344	0.398	0.744	0.318	0.621	0.018	---	---	23
24	---	---	---	0.011	0.401	0.298	0.514	0.276	0.788	0.017	---	---	24
25	---	---	---	0.013	0.447	0.182	0.384	0.194	0.791	0.017	---	---	25
26	---	---	---	0.012	0.585	0.280	0.363	0.187	0.878	0.015	---	---	26
27	---	---	---	0.011	0.738	0.272	0.320	0.158	0.829	0.014	---	---	27
28	---	---	---	0.010	0.820	0.338	0.213	0.204	0.701	0.015	---	---	28
29	---		---	0.010	0.828	0.370	0.178	0.240	0.443	0.014	---	---	29
30	---		---	0.011	0.288	0.213	0.080	0.285	0.404	0.013	---	---	30
31	---		---		0.242		0.104	0.373		0.013		---	31
TOTAL	---	---	---	---	8.485	8.885	11.948	10.038	14.403	8.405	---	---	TOTAL
MEAN	---	---	---	---	0.273	0.269	0.385	0.324	0.480	0.174	---	---	MEAN
MAX	---	---	---	---	0.738	0.538	1.29	0.883	0.939	0.764	---	---	MAX
MIN	---	---	---	---	0.005	0.088	0.080	0.106	0.248	0.013	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAY TO OCT

MEAN, 0.320
MAXIMUM DAILY, 1.29 ON JUL 19
MINIMUM DAILY, 0.005 ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 112 38 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 030
FEB	---	AUG	887
MAR	---	SEP	1 240
APR	---	OCT	487
MAY	731	NOV	---
JUN	748	DEC	---

TOTAL DISCHARGE, 5 040 dam³

BATTLE RIVER NEAR FORESTBURG - STATION NO. 05PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3128	11.28	11.5	3.28	1.06	0.805	3.32	2.23	---	---	1
2	---	---	0.3178	17.98	10.7	4.02	0.991	0.827	3.27	2.15	---	---	2
3	---	---	0.3248	26.48	10.8	5.33	0.948	0.881	3.15	2.11	---	---	3
4	---	---	0.3568	32.28	10.0	3.88	0.938	0.861	4.28	1.98	---	---	4
5	---	---	0.3788	30.08	8.27	2.80	0.980	1.45	3.84	1.87	---	---	5
6	---	---	0.4808	23.38	8.00	2.16	0.901	1.83	3.28	2.08	---	---	6
7	---	---	0.6408	16.28	8.19	2.16	0.878	1.28	3.02	2.10	---	---	7
8	---	---	0.7308	13.48	7.41	2.82	0.887	1.13	3.03	1.88	---	---	8
9	---	---	0.8508	13.48	7.02	2.36	1.03	1.28	3.00	1.78	---	---	9
10	---	---	0.7008	15.48	8.78	1.87	1.05	1.44	2.89	2.30	---	---	10
11	---	---	0.8108	17.38	8.47	1.88	1.05	1.48	2.84	1.98	---	---	11
12	---	---	0.7208	16.38	6.53	2.07	1.03	1.49	2.84	1.48	---	---	12
13	---	---	0.6308	16.18	6.40	2.02	1.02	1.84	2.81	1.13	---	---	13
14	---	---	0.3608	17.78	5.48	1.95	0.874	1.85	2.88	0.879	---	---	14
15	---	---	0.3108	20.18	4.78	1.80	0.812	1.81	2.89	1.01	---	---	15
16	---	---	0.2808	22.5	4.58	1.84	0.888	1.82	2.73	1.01	---	---	16
17	---	---	0.2788	23.8	4.48	1.83	0.893	1.47	2.72	0.881	---	---	17
18	---	---	0.2708	24.1	3.84	2.01	0.887	1.44	2.72	0.781	---	---	18
19	---	---	0.2688	26.5	3.12	1.82	0.887	1.48	2.72	0.891	---	---	19
20	---	---	0.2888	28.8	4.81	1.87	0.918	1.88	2.87	1.18	---	---	20
21	---	---	0.3088	23.3	4.87	1.38	0.887	1.71	2.83	1.14	---	---	21
22	---	---	0.3458	22.3	3.88	1.37	0.782	1.80	2.84	0.908	---	---	22
23	---	0.2348	0.4108	21.8	3.28	1.26	1.04	1.80	2.89	0.889	---	---	23
24	---	0.2648	0.4828	19.8	3.70	1.38	0.888	1.88	2.86	0.845	---	---	24
25	---	0.2878	0.5308	18.1	3.87	1.49	0.804	1.71	2.88	0.821	---	---	25
26	---	0.2988	0.5378	17.2	3.80	1.82	0.883	1.74	2.81	0.841A	---	---	26
27	---	0.3108	0.5488	15.8	3.75	1.87	0.834	1.88	2.80	0.820E	---	---	27
28	---	0.3078	0.7418	14.4	3.82	1.48	0.889	2.08	2.84	0.880E	---	---	28
29	---		0.8598	13.3	3.82	1.31	0.478	2.03	2.86	0.870E	---	---	29
30	---		1.22 B	12.8	3.53	1.10	0.488	2.08	2.41	0.880E	---	---	30
31	---		5.34 B		3.41		0.887	2.24		0.828E		---	31
TOTAL	---	---	21.252	587.5	178.78	83.20	28.189	48.334	88.39	38.802	---	---	TOTAL
MEAN	---	---	0.686	19.6	5.80	2.11	0.844	1.48	2.98	1.28	---	---	MEAN
MAX	---	---	5.34	32.2	11.5	5.33	1.06	2.24	4.15	2.30	---	---	MAX
MIN	---	---	0.265	11.2	3.12	1.10	0.488	0.881	2.27	0.525	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.30
MAXIMUM DAILY, 32.28 ON APR 4
MINIMUM DAILY, 0.2658 ON MAR 15
MAXIMUM INSTANTANEOUS,
33.38 AT 13:08 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 31 26 N
LONG 112 20 25 W
DRAINAGE AREA, 7 630 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 280
FEB	---	AUG	4 000
MAR	1 840	SEP	7 710
APR	50 800	OCT	3 430
MAY	15 500	NOV	---
JUN	5 480	DEC	---

TOTAL DISCHARGE, 91 000 dam³

BATTLE RIVER NEAR PONOKA - STATION NO. 05PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4288	0.2018	0.3858	2 668	3.02	4.48	0.777	0.758	1.57	0.873	2.13	0.581	-
2	0.4338	0.1978	0.3848	8.578	3.13	4.19	0.739	0.731	1.85	0.848	1.71	0.520	2
3	0.4318	0.2088	0.3388	12.2 B	3.36	4.04	0.731	1.04	2.37	0.784	1.84	0.488	3
4	0.4488	0.2098	0.3618	16.4 B	4.02	3.74	0.737	1.78	2.31	0.855	1.48	0.428	4
5	0.4118	0.2158	0.4218	24.6 B	4.10	3.35	0.878	2.58	2.84	0.884	1.38	0.390	5
6	0.4068	0.2248	0.4058	27.3 B	3.78	3.18	0.843	3.14	3.37	0.838	1.28	0.381	6
7	0.3458	0.2328	0.3958	26.8 B	3.17	3.04	0.800	2.88	3.40	0.835	1.15	0.360	7
8	0.3108	0.2788	0.3858	17.3	2.70	2.96	0.298	2.49	2.81	0.784	1.03	0.324	8
9	0.2678	0.2848	0.3768	11.8	2.37	2.83	0.285	1.88	2.81	0.775	0.931	0.304	9
10	0.2638	0.2808	0.3708	8.47	2.18	2.84	0.278	1.80	2.41	0.772	0.818	0.288	10
11	0.2788	0.2868	0.3858	8.34	1.88	2.38	0.284	1.24	2.38	0.787	0.788	0.303	11
12	0.3078	0.3128	0.3808	7.21	2.07	2.07	0.258	1.38	2.28	0.783	0.872	0.288	12
13	0.3168	0.3268	0.3658	8.11	2.48	1.78	0.282	2.18	2.23	0.748	0.800	0.278	13
14	0.3328	0.3278	0.3758	8.18	2.80	1.54	0.357	3.02	2.13	0.708	0.478	0.268	14
15	0.3188	0.3348	0.3808	4.58	3.38	1.37	0.528	3.37	2.02	0.720	0.418	0.258	15
16	0.3178	0.3428	0.3908	3.78	2.00	1.36	0.574	3.37	2.04	0.881	0.384	0.230	16
17	0.3088	0.3568	0.4048	3.40	2.08	1.27	0.502	3.11	2.04	0.830	0.371	0.221	17
18	0.3428	0.3648	0.3888	3.20	2.20	1.28	0.484	2.78	1.98	0.585	0.438	0.203	18
19	0.3448	0.3708	0.3958	3.03	2.78	1.28	0.540	2.50	1.71	0.558	0.288	0.180	19
20	0.3778	0.3748	0.4048	3.00	3.83	1.17	0.871	2.85	1.43	0.818	0.278	0.1888	20
21	0.3828	0.3758	0.4018	2.84	5.18	1.24	0.833	2.81	1.25	0.878	0.300	0.1888	21
22	0.3868	0.3788	0.4028	2.78	5.76	1.42	0.584	2.77	1.11	0.778	0.337	0.1408	22
23	0.3878	0.3618	0.4008	2.76	5.10	1.23	0.803	2.52	1.03	1.22	0.435	0.1318	23
24	0.3678	0.3588	0.4058	3.04	5.80	1.18	0.850	2.26	0.958	0.958	0.818	0.1188	24
25	0.3588	0.3608	0.4388	3.14	5.37	1.18	1.21	2.08	0.846	0.842	0.978	0.1078	25
26	0.3388	0.3618	0.5128	3.22	4.84	1.08	1.80	1.88	0.813	0.724	0.803	0.1038	26
27	0.3188	0.3678	0.4748	3.08	4.43	1.04	1.31	1.88	0.888	0.674	0.841	0.0808	27
28	0.3888	0.3708	0.4338	2.84	3.88	0.908	1.02	1.84	0.897	0.841	0.778	0.0798	28
29	0.2438		0.4228	2.71	3.88	0.788	0.878	1.85	0.888	0.801	0.717	0.0718	29
30	0.2118		0.5238	2.78	4.82	0.782	0.745	1.74	0.897	0.529	0.835	0.0888	30
31	0.2048		0.8918		4.74		0.887	1.88		1.04		0.0828	31
TOTAL	10.484	8.988	12.910	235.85	110.87	80.780	30.295	66.280	65.355	33.881	24.971	7.523	TOTAL
MEAN	0.337	0.310	0.416	7.86	3.58	2.03	0.858	2.20	1.85	0.783	0.832	0.243	MEAN
MAX	0.448	0.378	0.891	27.3	8.10	4.48	1.80	3.37	3.40	1.22	2.13	0.581	MAX
MIN	0.204	0.187	0.338	2.88	1.88	0.782	0.288	0.731	0.813	0.529	0.278	0.082	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 27.38 ON APR 8
MINIMUM DAILY, 0.0828 ON DEC 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 44 N
LONG 113 34 58 W
DRAINAGE AREA, 1 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	803	JUL	1 750
FEB	749	AUG	5 800
MAR	1 120	SEP	4 780
APR	20 400	OCT	2 040
MAY	8 880	NOV	2 180
JUN	5 250	DEC	850

TOTAL DISCHARGE, 66 300 dam³

BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY - STATION NO. 05PE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.11 B	1.36 B	1.12 B	2.708	25.3	7.88	3.21	2.71	2.87	4.07	2.88	1.37 B	1
2	1.17 B	1.14 B	1.10 B	4.838	23.9	7.80	3.08	2.81	2.88	3.87	2.82	1.34 B	2
3	1.03 B	0.9888	1.11 B	8.748	21.9	7.80	2.91	2.80	3.08	3.90	2.72	1.33 B	3
4	1.14 B	0.8898	1.13 B	13.3 B	20.8	7.46	3.13	2.47	3.25	3.79	2.88	1.33 B	4
5	1.12 B	0.8828	1.18 B	22.7 B	18.1	7.27	4.18	3.18	3.88	3.88	2.88	1.30 B	5
6	1.18 B	0.8088	1.15 B	42.7 B	18.1	7.08	4.04	3.48	3.44	3.82	2.838	1.30 B	6
7	1.12 B	0.8788	1.03 B	78.6 B	17.2	8.88	3.88	3.78	3.48	3.80	2.778	1.28 B	7
8	1.18 B	1.11 B	0.9488	78.6 B	16.3	7.07	3.72	3.81	3.41	3.88	2.808	1.28 B	8
9	1.28 B	1.17 B	0.9228	82.7	15.8	8.89	3.73	3.88	8.74	3.83	2.858	1.31 B	9
10	1.24 B	1.34 B	1.01 B	78.3	14.7	8.21	4.88	8.17	11.3	3.83	2.888	1.19 B	10
11	1.14 B	1.43 B	1.10 B	88.3	14.0	8.82	4.08	4.84	10.1	3.81	2.288	1.18 B	11
12	1.04 B	1.48 B	1.10 B	58.3	13.8	8.37	3.82	4.28	9.18	3.48	2.318	1.13 B	12
13	1.01 B	1.55 B	1.18 B	48.8	12.9	5.81	3.72	4.28	8.18	3.39	2.838	1.10 B	13
14	0.7888	1.48 B	1.23 B	44.7	12.1	8.37	3.81	4.18	7.37	3.41	2.388	1.08 B	14
15	0.7888	1.42 B	1.23 B	42.1	11.8	4.83	3.23	3.82	6.82	3.34	1.838	1.03 B	15
16	1.01 B	1.37 B	1.24 B	38.2	11.1	4.87	2.98	3.87	6.81	3.32	1.708	0.9778	16
17	1.37 B	1.38 B	1.23 B	37.1	10.8	4.30	2.87	4.28	6.84	3.33	1.788	0.9388	17
18	1.81 B	1.41 B	1.23 B	35.8	10.1	4.20	2.88	4.84	6.28	3.30	1.848	0.9238	18
19	1.84 B	1.47 B	1.22 B	34.6	9.83	4.17	2.89	4.58	8.83	3.20	1.858	0.8678	19
20	1.85 B	1.58 B	1.23 B	35.3	9.88	3.82	3.08	4.14	7.72	2.998	1.848	0.8888	20
21	1.84 B	1.80 B	1.27 B	38.3	9.51	3.70	2.98	3.85	6.94	2.998	1.888	0.8658	21
22	1.43 B	1.51 B	1.24 B	38.3	9.45	3.81	2.87	3.83	6.22	2.998	1.788	0.8238	22
23	1.30 B	1.53 B	1.48 B	37.1	9.41	3.87	2.88	3.44	5.71	2.898	1.688	0.7788	23
24	1.18 B	1.47 B	2.53 B	37.2	9.14	3.42	2.91	3.32	5.18	3.588	1.928	0.7338	24
25	1.08 B	1.33 B	10.0 B	37 3	9.14	3.86	2.93	3.21	4 87	3.10	1.898	0.8848	25
26	1.08 B	1.20 B	7.34 B	36.3	8.89	3.83	2.85	3.12	4.89	3.10	1.748	0.8858	26
27	1.30 B	1.17 B	4.78 B	33.0	9.04	3.37	2.80	2.98	4.48	3.05	1.808	0.8718	27
28	1.67 B	1.14 B	4.23 B	31.5	9.38	3.32	3.04	2.90	4.28	2.99	1.848	0.8478	28
29	1.77 B		3.18 B	29.4	9.05	3.36	4.49	2.83	4.18	2.97	1.458	0.8338	29
30	1.82 B		2.88 B	27.4	8.94	3.28	2.78	2.81	4.08	2.98	1.418	0.8138	30
31	1.67 B		2.80 B		8.10		2.84	2.70		2.91		0.8798	31
TOTAL	38.314	36.004	84.421 1	198.47	407.38	158.73	102.74	110.97	178 89	104 78	83.87	30 702	TOTAL
MEAN	1.27	1.28	2.08	38.8	13.1	5.22	3.31	3.58	5.89	3 38	2.12	0.880	MEAN
MAX	1.82	1.80	10.0	82.7	25.3	7.88	4.88	8.17	11.3	4.07	2.88	1.37	MAX
MIN	0.788	0.808	0.922	2.70	8.10	3.28	2.84	2.47	2 87	2 88	1.41	0.878	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 82.7 ON APR 9
MINIMUM DAILY, 0.8788 ON DEC 31
MAXIMUM INSTANTANEOUS,
88.7 AT 08:48 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 23 N
LONG 110 01 08 W
DRAINAGE AREA, 25 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 400	JUL	8 880
FEB	3 110	AUG	9 590
MAR	5 570	SEP	15 300
APR	103 000	OCT	9 060
MAY	38 200	NOV	5 490
JUN	13 800	DEC	2 880

TOTAL DISCHARGE, 218 000 dam³

BEAR CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0158	0 056	0.006	0	0	0	0	0	0	---	1
2	---	---	0.0178	0.121	0.005	0	0	0	0	0	0	---	2
3	---	---	0.0208	0 163	0.005	0	0	0	0	0	---	---	3
4	---	---	0.0328	0 187	0.004	0	0	0	0	0	---	---	4
5	---	---	0.0738	0 231	0 003	0	0	0	0	0	---	---	5
6	---	---	0.1008	0 237	0.003	0	0	0	0	0	---	---	6
7	---	---	0 0808	0.121	0.002	0	0	0	0	0	---	---	7
8	---	---	0.0488	0.087	0.002	0	0	0	0	0	---	---	8
9	---	---	0.0388	0.064	0.002	0	0	0	0	0	---	---	9
10	---	---	0.0388	0.058	0.001	0	0	0	0	0	---	---	10
11	---	---	0 0388	0.050	0.001	0	0	0	0	0	---	---	11
12	---	---	0.0378	0.068	0	0	0	0	0	0	---	---	12
13	---	---	0.0398	0.062	0	0	0	0	0	0	---	---	13
14	---	---	0.0408	0 048	0	0	0	0	0	0	---	---	14
15	---	---	0.0398	0 038	0	0	0	0	0	0	---	---	15
16	---	---	0.0398	0.033	0	0	0	0	0	0	---	---	16
17	---	---	0.0438	0.030	0	0	0	0	0	0	---	---	17
18	---	---	0.0398	0.027	0	0	0	0	0	0	---	---	18
19	---	---	0.0388	0.026	0	0	0	0	0	0	---	---	19
20	---	---	0.0428	0.022	0	0	0	0	0	0	---	---	20
21	---	---	0.0388	0.019	0	0	0	0	0	0	---	---	21
22	---	---	0.0228	0.017	0	0	0	0	0	0	---	---	22
23	---	---	0.0398	0.018	0	0	0	0	0	0	---	---	23
24	---	0.0188	0.0388	0.016	0	0	0	0	0	0	---	---	24
25	---	0.0148	0.0468	0.016	0	0	0	0	0	0	---	---	25
26	---	0.0148	0.0638	0.011	0	0	0	0	0	0	---	---	26
27	---	0.0148	0.0418	0.008	0.001	0	0	0	0	0	---	---	27
28	---	0.0148	0.0408	0.006	0	0	0	0	0	0	---	---	28
29	---		0.0358	0.007	0	0	0	0	0	0	---	---	29
30	---		0.0468	0.007	0	0	0	0	0	0	---	---	30
31	---		0.088		0		0	0		0		---	31
TOTAL	---	---	1.314	1.681	0.038	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.042	0.063	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.100	0.237	0.006	0	0	0	0	0	---	---	MAX
MIN	---	---	0.018	0.007	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.313
MAXIMUM DAILY, 0.237 ON APR 6
MINIMUM DAILY, 0 ON MAY 12
MAXIMUM INSTANTANEOUS,
0.258 AT 08:52 MST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 111 12 48 W
DRAINAGE AREA, 67.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	114	SEP	0
APR	183	OCT	0
MAY	3.02	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 380 dam³

BEAR CREEK NEAR VALHALLA CENTRE - STATION NO. 07CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.032B	0.018	0.003E	0	0	0	0	---	---	1
2	---	---	0 B	0.034B	0.007	0.003E	0	0.008A	0	0	---	---	2
3	---	---	0 B	0.082B	0.008	0.003E	0	0.009	0	0	---	---	3
4	---	---	0 B	4.81 B	0.004E	0.003E	0	0.008A	0	0	---	---	4
5	---	---	0 B	8.13 B	0.004E	0.001E	0	0.008	0	0	---	---	5
6	---	---	0 B	7.25 B	0.004E	0.579	0	0.003A	0	0	---	---	6
7	---	---	0 B	4.84 B	0.004E	0.181	0	0	0	0	---	---	7
8	---	---	0 B	3.05 B	0.004E	0.090	0	0.001E	0	0	---	---	8
9	---	---	0 B	2.14 B	0.004E	0.053	0	0.008A	0	0	---	---	9
10	---	---	0 B	1.35	0.004E	0.039	0	0.021	0	0	---	---	10
11	---	---	0 B	1.04	0.008E	0.029	0	0.018	0	0	---	---	11
12	---	---	0 B	0.748	0.007A	0.018	0	0.007	0	0	---	---	12
13	---	---	0 B	0.544	0.007	0.010	0	0.005A	0	0	---	---	13
14	---	---	0 B	0.454	0.007	0.008	0	0.004E	0	0	---	---	14
15	---	---	0 B	0.318	0.007	0.005	0	0.005A	0	0	---	---	15
16	---	---	0 B	0.235	0.008	0.004E	0	0.026	0	0	---	---	16
17	---	08	0 B	0.204	0.008A	0.003E	0	0.006	0	0	---	---	17
18	---	08	0 B	0.169	0.004E	0.003E	0	0.007	0	0	---	---	18
19	---	08	0 B	0.136	0.003E	0.002E	0	0.006	0	0	---	---	19
20	---	08	0 B	0.082	0.002E	0.002E	0	0.005	0	0	---	---	20
21	---	08	0 B	0.053	0.004A	0.001E	0	0.004E	0.001E	0	---	---	21
22	---	08	0 B	0.078	0.017	0.001A	0	0.003E	0.001A	0	---	---	22
23	---	08	0 B	0.085	0.013	0.001E	0	0.002E	0.001E	0	---	---	23
24	---	08	0 B	0.053	0.008	0.001E	0	0.001A	0.001E	0	---	---	24
25	---	08	0 B	0.092	0.007	0.001E	0	0.001E	0.001E	0	---	---	25
26	---	08	0 B	0.080	0.005	0	0	0	0.001E	0	---	---	26
27	---	08	0 B	0.048	0.004E	0	0	0	0.001E	0	---	---	27
28	---	08	0 B	0.040	0.004E	0	0	0	0.001E	0	---	---	28
29	---		0 B	0.086	0.005	0	0	0	0.001E	0	---	---	29
30	---		0.030B	0.139	0.004	0	0	0	0.001E	0	---	---	30
31	---		0.031B		0.003E		0	0		0			31
TOTAL	---	---	0.081	36.699	0.185	1.010	0	0.184	0.010	0	---	---	TOTAL
MEAN	---	---	0.002	1.20	0.006	0.034	0	0.005	0	0	---	---	MEAN
MAX	---	---	0.031	8.13	0.017	0.579	0	0.026	0.001	0	---	---	MAX
MIN	---	---	0	0.032	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.152
MAXIMUM DAILY, 8.138 ON APR 5
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
12.48 AT 21:30 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 02 N
LONG 119 22 53 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	14.2
MAR	5.27	SEP	0.86
APR	3 100	OCT	0
MAY	16.0	NOV	---
JUN	87.3	DEC	---

TOTAL DISCHARGE, 3 220 dam³

BEAR LAKE NEAR CLAIRMONT - STATION NO 07CE004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	28.238	---	---	---	---	---	---	3
4	---	---	---	---	---	28.238	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	28.001	---	---	---	5
6	---	---	---	---	28.417	---	---	28.052	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	28.242	28.091	---	---	---	---	---	8
9	---	---	---	---	28.398	---	---	---	---	---	---	---	9
10	---	---	---	---	---	28.243	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	28.077	---	---	---	---	---	12
13	---	---	---	---	28.382	---	---	---	27.983	---	---	---	13
14	---	---	---	---	---	---	---	---	27.983	---	---	---	14
15	---	---	---	---	28.382	---	28.092	28.051	---	---	---	---	15
16	---	---	---	---	---	---	---	28.051	---	---	---	---	16
17	---	---	---	---	---	---	28.053	---	---	---	---	---	17
18	---	---	---	---	---	---	28.051	---	27.927	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	28.105	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	28.024	28.004	---	---	---	---	24
25	---	---	---	---	---	---	---	---	27.928	---	---	---	25
26	---	---	---	---	28.280	---	---	---	---	---	27.874	---	26
27	---	---	---	---	---	---	---	28.004	---	---	---	---	27
28	---	---	---	---	28.281	---	28.015	---	---	---	---	---	28
29	---	---	---	---	---	28.108	---	---	---	---	---	---	29
30	---	---	---	---	---	28.108	---	28.001	27.924	---	---	---	30
31	---	---	---	---	28.281	---	---	28.003	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 19 10 N
LONG 119 58 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

BEAR RIVER NEAR GRANDE PRAIRIE - STATION NO. 07EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1388	---	---	---	---	---	---	---	---	---	---	---	1
2	0.1388	---	---	---	---	---	---	---	---	---	---	---	2
3	0.1308	---	---	---	---	---	---	---	---	---	---	---	3
4	0.1258	---	---	---	---	---	---	---	---	---	---	---	4
5	0.1208	---	---	---	---	---	---	---	---	---	---	---	5
6	0.1208	---	---	---	---	---	---	---	---	---	---	---	6
7	0.1158	---	---	---	---	---	---	---	---	---	---	---	7
8	0.1108	---	---	---	---	---	---	---	---	---	---	---	8
9	0.1068	---	---	---	---	---	---	---	---	---	---	---	9
10	0.1068	---	---	---	---	---	---	---	---	---	---	---	10
11	0.1068	---	---	---	---	---	---	---	---	---	---	---	11
12	0.1068	---	---	---	---	---	---	---	---	---	---	---	12
13	0.1068	---	---	---	---	---	---	---	---	---	---	---	13
14	0.1038	---	---	---	---	---	---	---	---	---	---	---	14
15	0.1048	---	---	---	---	---	---	---	---	---	---	---	15
16	0.1008	---	---	---	---	---	---	---	---	---	---	---	16
17	0.0988	---	---	---	---	---	---	---	---	---	---	---	17
18	0.0988	---	---	---	---	---	---	---	---	---	---	---	18
19	0.0988	---	---	---	---	---	---	---	---	---	---	---	19
20	0.0978	---	---	---	---	---	---	---	---	---	---	---	20
21	0.0888	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 00 N
LONG 118 50 08 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BEARBERRY CREEK NEAR SUNDRE STATION NO 05CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.09 B	0.785	0.184	0.106	0.815	0.530	0.205	---	---	1
2	---	---	---	2.37 B	1.00	0.174	0.087	0.629	0.411	0.247	---	---	2
3	---	---	---	1.68 B	0.708	0.133	0.077	0.368	0.477	0.178	---	---	3
4	---	---	---	1.52 B	0.685	0.121	0.122	0.234	0.773	0.156	---	---	4
5	---	---	---	1.17 B	0.509	0.182	0.824	0.331	0.596	0.155	---	---	5
6	---	---	---	0.7788	0.492	0.104	0.739	0.603	0.442	0.176	---	---	6
7	---	---	---	0.6488	0.480	0.083	0.588	0.428	0.456	0.183	---	---	7
8	---	---	---	0.7888	0.418	0.118	0.647	0.238	0.420	0.161	---	---	8
9	---	---	---	0.8928	0.385	0.121	0.480	0.124	0.338	0.152	---	---	9
10	---	---	---	0.8988	0.358	0.131	0.434	0.259	0.287	0.157	---	---	10
11	---	---	---	0.7138	0.345	0.122	0.335	0.912	0.240	0.155	---	---	11
12	---	---	---	0.6078	0.358	0.108	0.230	0.884	0.257	0.162	---	---	12
13	---	---	---	0.8288	0.353	0.070	0.180	0.582	0.247	0.187	---	---	13
14	---	---	---	0.4958	0.384	0.088	0.187	0.831	0.181	0.187	---	---	14
15	---	---	---	0.5878	0.298	0.088	0.110	2.74	0.238	0.187	---	---	15
16	---	---	---	0.606	0.287	0.227	0.077	2.01	0.182	0.188	---	---	16
17	---	---	---	0.526	0.287	1.84	0.088	1.85	0.161	0.214	---	---	17
18	---	---	---	0.732	0.258	0.841	0.083	1.22	0.158	0.203	---	---	18
19	---	---	---	0.632	0.314	0.536	0.133	1.32	0.191	0.212	---	---	19
20	---	---	---	0.581	0.284	0.321	0.843	1.35	0.153	0.216	---	---	20
21	---	---	---	0.582	0.288	0.235	0.748	1.05	0.150	0.201	---	---	21
22	---	---	---	2.42	0.281	0.187	4.30	0.844	0.158	0.185	---	---	22
23	---	---	---	1.87	0.248	0.150	3.18	0.454	0.134	0.178	---	---	23
24	---	---	---	1.32	0.238	0.078	1.80	0.470	0.138	0.188	---	---	24
25	---	---	---	0.920	0.217	0.081	0.834	0.888	0.133	0.188	---	---	25
26	---	---	---	0.880	0.218	0.048	0.842	0.818	0.181	0.178	---	---	26
27	---	---	---	0.842	0.213	0.037	0.884	0.588	0.187	0.177	---	---	27
28	---	---	---	0.858	0.187	0.047	0.388	0.428	0.234	0.173	---	---	28
29	---		---	0.851	0.178	0.088	0.248	0.802	0.240	0.188A	---	---	29
30	---		---	0.884	0.188	0.118	0.185	1.18	0.208	0.188E	---	---	30
31	---		2.778		0.150		0.323	0.730		0.182E		---	31
TOTAL	---	---	---	28.884	11.110	6.306	18.835	25.480	8.438	5.582	---	---	TOTAL
MEAN	---	---	---	0.985	0.358	0.210	0.607	0.822	0.281	0.180	---	---	MEAN
MAX	---	---	---	2.42	1.00	1.84	4.30	2.74	0.773	0.247	---	---	MAX
MIN	---	---	---	0.486	0.150	0.037	0.083	0.124	0.133	0.152	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.493
MAXIMUM DAILY, 4.30 ON JUL 23
MINIMUM DAILY, 0.037 ON JUN 27

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 46 25 N
LONG 114 42 30 W
DRAINAGE AREA, 327 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	2 200
MAR	---	SEP	735
APR	2 880	OCT	843
MAY	950	NOV	---
JUN	545	DEC	---

TOTAL DISCHARGE, 9 100 dam³

BEAVER CREEK NEAR BROCKET - STATION NO. 05AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	0.173	0.025	0.010	0	0	0.013	0.001	0.008	---	1
2	---	---	0.0408	0.200	0.020	0.005	0	0	0.008	0.001	0.011	---	2
3	---	---	0.0508	0.300	0.018	0.004	0	0	0.006	0	0.012	---	3
4	---	---	0.0808	0.305	0.021	0.003	0	0	0.008	0.001	0.012A	---	4
5	---	---	0.0888	0.251	0.019	0.002	0	0	0.008	0.001	---	---	5
6	---	---	0.0708	0.188	0.018	0.001	0	0	0.007	0.001	---	---	6
7	---	---	0.0708	0.154	0.021	0	0	0	0.007	0.001	---	---	7
8	---	---	0.0708	0.130	0.020	0	0	0	0.007	0.001	---	---	8
9	---	---	0.0708	0.084	0.018	0	0	0	0.007	0.001	---	---	9
10	---	---	0.0868	0.080	0.013	0	0	0	0.007	0.001	---	---	10
11	---	---	0.0858	0.080	0.011	0	0	0.001	0.008	0.001	---	---	11
12	---	---	0.0488	0.088	0.009	0	0	0	0.008	0.001	---	---	12
13	---	---	0.0488	0.085	0.008	0	0	0	0.008	0.001	---	---	13
14	---	---	0.0808	0.083	0.007	0	0	0.004	0.008	0.001	---	---	14
15	---	---	0.0838	0.079	0.008	0	0	0.017	0.004	0.002	---	---	15
16	---	---	0.0708	0.088	0.004	0	0	0.083	0.004	0.002	---	---	16
17	---	---	0.0738	0.040	0.004	0	0	0.081	0.008	0.002	---	---	17
18	---	---	0.0758	0.038	0.003	0	0.001	0.037	0.003	0.002	---	---	18
19	---	---	0.0788	0.038	0.003	0	0.004	0.023	0.002	0.007	---	---	19
20	---	---	0.0748	0.088	0.002	0	0	0.020	0.001	0.008	---	---	20
21	---	---	0.0788	0.053	0.002	0	0.001	0.018	0.001	0.008	---	---	21
22	---	---	0.0788	0.048	0.008	0	0.003	0.012	0	0.010	---	---	22
23	---	---	0.0788	0.037	0.008	0	0.020	0.010	0	0.038	---	---	23
24	---	---	0.0778	0.080	0.004	0	0.010	0.017	0	0.030	---	---	24
25	---	---	0.0788	0.031	0.004	0	0.008	0.023	0	0.021	---	---	25
26	---	0.0208	0.0748	0.035	0.004	0	0.008	0.023	0.002	0.017	---	---	26
27	---	0.0208	0.0858	0.032	0.004	0	0.002	0.023	0.002	0.014	---	---	27
28	---	0.0208	0.0538	0.027	0.008	0	0.001	0.024	0.001	0.012	---	---	28
29	---		0.0808	0.030	0.008	0	0.003	0.021	0.001	0.011	---	---	29
30	---		0.0808	0.028	0.007	0	0.002	0.015	0.001	0.010	---	---	30
31	---		0.101		0.008		0	0.014		0.010		---	31
TOTAL	---	---	2.048	2.835	0.306	0.026	0.068	0.414	0.134	0.218	---	---	TOTAL
MEAN	---	---	0.066	0.098	0.010	0.001	0.002	0.013	0.004	0.007	---	---	MEAN
MAX	---	---	0.101	0.305	0.025	0.010	0.020	0.081	0.013	0.038	---	---	MAX
MIN	---	---	0.028	0.027	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 0.305 ON APR 4
MINIMUM DAILY, 0 ON JUN 7
MAXIMUM INSTANTANEOUS,
0.615 AT 20:11 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 21 N
LONG 113 47 38 W
DRAINAGE AREA, 288 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.01
FEB	---	AUG	35.8
MAR	177	SEP	11.6
APR	253	OCT	18.8
MAY	26.4	NOV	---
JUN	2.25	DEC	---

TOTAL DISCHARGE, 530 dam³

BEAVER LAKE AT RANGER STATION - STATION NO 05AA003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.308	---	1.210	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	1.388	1.306	---	---	---	1.038	---	4
5	---	---	---	---	---	1.388	1.304	---	---	1.129	---	---	5
6	---	---	---	---	---	---	1.303	---	---	---	---	---	6
7	---	---	---	---	1.388	1.385	1.302	---	---	1.129	---	---	7
8	---	---	---	---	---	---	---	1.231	---	---	---	---	8
9	---	---	---	---	---	---	1.305	---	---	1.110	---	---	9
10	---	---	---	---	1.374	1.380	---	---	---	---	---	---	10
11	---	---	---	---	---	1.388	1.303	---	---	1.088	---	---	11
12	---	---	---	---	---	1.387	1.301	---	---	---	---	---	12
13	---	---	---	---	1.373	1.385	1.299	---	---	1.088	---	---	13
14	---	---	---	---	---	1.383	---	---	---	---	---	---	14
15	---	---	---	---	1.374	---	---	---	---	1.088	---	---	15
16	---	---	---	---	1.374	1.347	1.285	1.208	---	---	---	---	16
17	---	---	---	---	1.374	1.344	1.285	---	---	1.088	---	---	17
18	---	---	---	---	---	1.341	---	1.204	---	---	---	---	18
19	---	---	---	---	---	1.337	---	1.208	---	1.088	---	---	19
20	---	---	---	---	1.374	---	1.281	1.211	---	---	---	---	20
21	---	---	---	---	1.374	1.336	1.278	1.210	---	1.088	---	---	21
22	---	---	---	---	1.373	---	1.277	1.210	---	---	---	---	22
23	---	---	---	1.388	1.373	1.327	1.276	1.212	1.180	1.088	---	---	23
24	---	---	---	---	1.373	1.323	1.274	---	---	---	---	---	24
25	---	---	---	---	1.373	1.318	---	---	---	1.088	---	---	25
26	---	1.300	---	---	1.373	1.314	1.270	---	---	---	---	---	26
27	---	---	---	---	1.373	1.312	---	1.211	---	1.088	---	---	27
28	---	---	---	---	---	1.310	---	---	---	---	---	---	28
29	---		---	---	1.373	---	---	---	---	1.088	---	---	29
30	---		---	---	1.373	---	---	1.211	---	---	---	---	30
31	---		---		1.372		---	1.211		1.088		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 45 40 N
LONG 111 54 05 W

NATURAL FLOW

DRAINAGE AREA,
331 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BEAVER RIVER ABOVE SYNCRUDE - STATION NO. 07DA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0888	0.1028	0.0888	0.5008	1.34	0.894	0.615	0.333	0.277	0.401	0.3158	---	1
2	0.0888	0.1018	0.0888	0.5608	1.28	1.40	0.567	0.585	0.308	0.448	0.3058	---	2
3	0.1008	0.1008	0.0878	0.6008	1.32	1.37	0.582	0.726	0.335	0.484	0.2908	---	3
4	0.1018	0.1008	0.0878	0.5808	1.38	1.28	0.808	0.546	0.340	0.471	0.2758	---	4
5	0.1038	0.1008	0.0888	0.5608	1.15	1.22	0.454	0.455	0.348	0.442	0.2658	---	5
6	0.1078	0.0998	0.0848	0.5288	1.02	1.20	0.442	0.421	0.357	0.433	0.2408	---	6
7	0.1098	0.0988	0.0818	0.5058	1.01	1.26	0.488	0.398	0.398	0.413A	0.2208	---	7
8	0.1118	0.0988	0.0778	0.4888	0.913	1.83	0.493	0.381	0.388	0.440E	0.2028	---	8
9	0.1138	0.0988	0.0828	0.4508	0.888	1.69	0.528	0.337	0.394	0.480E	---	---	9
10	0.1158	0.0988	0.0818	0.4158	1.08	1.50	0.544	0.358	0.521	0.470E	---	---	10
11	0.1178	0.0978	0.0828	0.3808	1.08	1.30	0.539	0.986	0.507	0.450E	---	---	11
12	0.1188	0.0978	0.0848	0.3708	1.06	1.04	0.528	0.885	0.431	0.430E	---	---	12
13	0.1188	0.0988	0.0888	0.4008	0.934	0.895	0.515	0.928	0.490	0.415E	---	---	13
14	0.1208	0.0988	0.0888	0.5008	0.880	0.890	0.524	0.795	0.658	0.380E	---	---	14
15	0.1208	0.0988	0.0908	0.5808	0.878	0.881	0.480	0.882	0.570	0.405E	---	---	15
16	0.1208	0.0958	0.0958	1.70	0.810	0.808	0.475	0.828	0.593	0.420E	---	---	16
17	0.1208	0.0988	0.1008	1.88	0.732	0.484	0.470	0.874	0.578	0.430E	---	---	17
18	0.1208	0.0948	0.1208	1.81	0.727	0.434	0.458	0.847	0.485	0.420E	---	---	18
19	0.1208	0.0948	0.1558	1.44	0.988	0.401	0.388	0.825	0.388	0.380E	---	---	19
20	0.1208	0.0938	0.2008	1.43	0.806	0.388	0.417	0.488	0.417	0.370E	---	---	20
21	0.1188	0.0938	0.2308	1.87	0.786	0.380	0.418	0.443	0.388	0.385E	---	---	21
22	0.1188	0.0928	0.2708	1.78	0.737	0.488	0.433	0.387	0.482	0.420E	---	---	22
23	0.1188	0.0928	0.3308	1.88	0.848	0.503	0.457	0.386	0.457	0.435E	---	---	23
24	0.1178	0.0918	0.3808	1.77	0.841	0.434	0.444	0.347	0.450	0.400E	---	---	24
25	0.1188	0.0918	0.4008	1.78	0.878	0.428	0.428	0.584	0.478	0.380E	---	---	25
26	0.1148	0.0908	0.3808	1.72	0.885	0.423	0.423	0.570	0.452	0.345E	---	---	26
27	0.1128	0.0908	0.3608	1.89	0.700	0.436	0.404	0.524	0.481	0.335E	---	---	27
28	0.1108	0.0898	0.3508	1.87	0.847	0.425	0.389	0.428	0.488	0.335E	---	---	28
29	0.1088		0.3758	1.48	0.813	0.423	0.405	0.385	0.488	0.350E	---	---	29
30	0.1088		0.4158	1.48	0.587	0.488	0.371	0.383	0.492	0.340E	---	---	30
31	0.1068		0.4808		0.808		0.321	0.317		0.330E	---	---	31
TOTAL	3.494	2.878	5.892	31.914	27.888	25.480	14.804	16.268	13.388	12.870	---	---	TOTAL
MEAN	0.113	0.098	0.190	1.08	0.893	0.849	0.488	0.525	0.446	0.408	---	---	MEAN
MAX	0.120	0.103	0.480	1.88	1.38	1.83	0.815	0.986	0.658	0.484	---	---	MAX
MIN	0.088	0.088	0.077	0.370	0.587	0.388	0.321	0.317	0.277	0.330	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.803
MAXIMUM DAILY, 1.83 ON JUN 8
MINIMUM DAILY, 0.0778 ON MAR 8
MAXIMUM INSTANTANEOUS,
2.88 AT 13:25 MST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 58 28 N
LONG 111 33 54 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	302	JUL	1 280
FEB	231	AUG	1 410
MAR	508	SEP	1 180
APR	2 760	OCT	1 090
MAY	2 380	NOV	---
JUN	2 200	DEC	---

TOTAL DISCHARGE, 12 800 dam³

BEAVER RIVER AT COLD LAKE RESERVE - STATION NO 06AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.358	2.418	2.668	2.818	41.4	18.4	9.20	4.87	5.04	3.12	3.05	1.388	1
2	2.348	2.428	2.668	2.678	40.3	20.2	8.88	4.74A	5.82	2.95	2.98	1.388	2
3	2.338	2.448	2.678	3.698	36.8	21.0	8.83	4.80E	6.21	2.82	3.10	1.348	3
4	2.328	2.488	2.688	5.208	37.3	21.2	8.47	4.35E	5.88	2.88	2.728	1.328	4
5	2.318	2.488	2.908	9.148	36.4	21.6	8.84	4.15E	5.83	2.85	2.388	1.308	5
6	2.308	2.508	2.818	16.0 B	34.3	22.6	8.98	3.85E	5.45	2.88	2.258	1.348	6
7	2.298	2.518	2.928	18.1 B	33.3	22.9	8.98	3.85E	5.31	2.87	1.878	1.318	7
8	2.278	2.538	2.868	23.8 B	31.8	23.3	9.06	3.90E	4.99	2.86	2.258	1.288	8
9	2.268	2.558	2.988	30.8 B	30.6	23.3	9.74	3.67E	4.88	2.80	2.208	1.288	9
10	2.258	2.578	2.988	48.8 B	29.2	23.4	9.11	3.70E	4.80	2.89	2.188	1.308	10
11	2.248	2.598	2.998	52.4 B	27.9	23.8	8.85	3.83E	4.86	2.84	2.128	1.308	11
12	2.238	2.618	2.998	56.1 B	27.2	23.6	8.62	4.05E	4.84	3.04	2.048	1.308	12
13	2.228	2.628	3.008	56.8 B	26.8	23.1	8.31	4.45E	4.32	3.38	2.038	1.308	13
14	2.228	2.638	3.008	61.2 B	25.5	22.4	7.88	4.75E	4.25	3.89	2.018	1.308	14
15	2.228	2.658	2.998	70.0 B	24.7	21.8	7.71	4.85E	4.15	3.02	1.988	1.208	15
16	2.228	2.678	2.988	78.3 B	24.8	20.5	7.48	5.10E	4.10	3.17	3.018	1.208	16
17	2.228	2.688	2.978	73.0	23.4	18.8	7.48	5.20A	4.00	3.24	2.048	1.208	17
18	2.228	2.718	2.968	73.2	21.8	17.8	7.28	5.07	4.11	3.06	2.008	1.208	18
19	2.228	2.738	2.958	78.8	20.9	17.0	7.07	5.15	4.33	2.78	1.808	1.208	19
20	2.228	2.748	2.948	68.3 A	21.2	16.9	6.88	5.15	4.47	2.79	1.708	1.208	20
21	2.238	2.768	2.928	64.4 A	20.8	15.1	6.80	5.72	4.23	2.87	1.688	1.258	21
22	2.248	2.788	2.908	60.8 E	20.2	14.4	6.62	5.68	4.01A	2.83	1.648	1.308	22
23	2.258	2.798	2.878	68.9 A	19.8	13.4	6.14	5.68	3.88A	2.618	1.628	1.358	23
24	2.268	2.808	2.848	54.2	20.3	12.5	6.28	5.88A	3.81A	2.478	1.578	1.338	24
25	2.288	2.818	2.818	52.2	20.3	11.8	6.41	6.32A	3.87	2.51	1.538	1.308	25
26	2.308	2.828	2.788	50.0	19.8	11.4	6.07	6.72A	3.88	2.90	1.508	1.288	26
27	2.328	2.838	2.778	47.7	19.4	10.8	5.82	6.67A	3.41	3.18	1.488	1.288	27
28	2.348	2.848	2.748	45.8	19.6	9.92	6.19	6.42	3.33	3.88	1.488	1.288	28
29	2.368		2.708	43.9	18.3	9.53	5.97	6.30	3.28	2.98	1.428	1.258	29
30	2.388		2.688	42.8	18.2	9.83	5.88	6.43	3.33	3.42	1.408	1.288	30
31	2.388		2.838		18.0		6.27	6.23		3.38		1.328	31
TOTAL	70.60	73.83	88.48	1 358.51	814.8	642.38	238.40	187.88	134.88	92.08	80.07	38.24	TOTAL
MEAN	2.28	2.64	2.88	45.3	26.3	18.1	7.83	6.08	4.80	2.87	2.00	1.27	MEAN
MAX	2.38	2.84	3.00	78.8	41.4	23.8	9.74	6.72	6.21	3.88	3.10	1.38	MAX
MIN	2.22	2.41	2.83	2.81	18.0	9.53	6.27	3.83	3.28	2.47	1.40	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 78.8 ON APR 15
MINIMUM DAILY, 1.208 ON DEC 10
MAXIMUM INSTANTANEOUS,
84.3 AT 05:15 MST ON APR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 30 N
LONG 110 13 00 W
DRAINAGE AREA, 14 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 100	JUL	20 400
FEB	8 280	AUG	13 600
MAR	7 730	SEP	11 700
APR	117 000	OCT	7 880
MAY	70 400	NOV	8 180
JUN	48 800	DEC	3 380

TOTAL DISCHARGE, 317 000 dam³

BEAVER RIVER NEAR GODDRIDGE - STATION NO. 05AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4888	0.7148	7.42	2.32	0.387	0.247	0.581	0.228E	0.088E	---	1
2	---	---	0.4888	0.8888	8.88	2.28	0.384	0.302	0.813	0.230E	0.078E	---	2
3	---	---	0.4888	1.10 B	8.81	2.62	0.384	0.330	0.487	0.218E	0.087A	---	3
4	---	---	0.4888	1.82 B	8.28	2.73	0.383	0.410	0.488	0.218E	---	---	4
5	---	---	0.4888	2.88 B	8.04	2.42	0.388	0.488	0.481	0.220E	---	---	5
6	---	---	0.4888	7.02 B	8.71	2.48	0.327	0.447	0.483	0.280E	---	---	6
7	---	---	0.4888	18.8 B	8.12	2.40	0.318	0.498	0.527	0.430E	---	---	7
8	---	---	0.4888	18.0 B	4.87	2.31	0.313	0.483	0.888	0.340E	---	---	8
9	---	---	0.4888	21.8 B	4.08	2.14	0.288	0.502	0.888	0.280E	---	---	9
10	---	---	0.4888	26.8 B	3.87	2.07	0.284	0.877	0.832	0.232E	---	---	10
11	---	---	0.4888	28.8 B	3.38	2.12	0.238	0.828	0.876	0.200E	---	---	11
12	---	---	0.4888	32.0 B	3.24	2.40	0.283	0.808	0.888	0.140E	---	---	12
13	---	---	0.4888	36.2 B	2.86	2.38	0.280	0.847	0.828	0.180E	---	---	13
14	---	---	0.4888	41.8 B	2.78	2.00	0.188	0.873	0.818	0.203E	---	---	14
15	---	---	0.4888	33.8	2.88	1.78	0.188	0.480	0.881	0.180E	---	---	15
16	---	---	0.4888	25.3	2.41	1.81	0.318	0.818	0.875	0.104E	---	---	16
17	---	---	0.4888	22.8	2.28	1.38	0.188	0.888	0.418	0.108E	---	---	17
18	---	---	0.4888	20.4	2.18	1.33	0.240	0.888	0.388	0.113E	---	---	18
19	---	---	0.4888	18.7	2.45	1.41	0.327	0.850	0.347	0.110E	---	---	19
20	---	---	0.4888	17.1	2.78	1.38	0.282	0.884	0.278	0.108E	---	---	20
21	---	---	0.4888	15.4	3.84	1.11	0.240	0.702	0.204	0.120E	---	---	21
22	---	---	0.4888	14.0	3.54	0.887	0.331	0.720	0.180	0.138E	---	---	22
23	---	---	0.4888	13.3	7.44	0.898	0.300	0.708	0.134A	0.142E	---	---	23
24	---	---	0.4888	11.2	3.18	0.803	0.340	0.882	0.180E	0.148E	---	---	24
25	---	---	0.4888	10.3	3.13	0.848	0.378	0.714	0.288E	0.188E	---	---	25
26	---	---	0.4888	9.87	3.21	0.484	0.287	0.680	0.270E	0.142E	---	---	26
27	---	---	0.4888	9.13	3.87	0.484	0.178	0.877	0.240E	0.120E	---	---	27
28	---	---	0.4888	8.72	2.83	0.427	0.173	0.880	0.180E	0.088E	---	---	28
29	---		0.4888	8.23	3.39	0.803	0.098	0.884	0.200E	0.080E	---	---	29
30	---		0.5198	7.82	2.38	0.427	0.188	0.844	0.218E	0.078E	---	---	30
31	---		0.5788		2.83		0.237	0.898		0.080E		---	31
TOTAL	---	---	15.188	480.888	118.85	47.878	8.714	17.818	12.188	5.388	---	---	TOTAL
MEAN	---	---	0.488	16.0	3.73	1.80	0.281	0.575	0.407	0.173	---	---	MEAN
MAX	---	---	0.578	41.8	7.42	2.82	0.387	0.720	0.838	0.430	---	---	MAX
MIN	---	---	0.488	0.714	2.18	0.427	0.088	0.247	0.134	0.078	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 41.88 ON APR 14
MINIMUM DAILY, 0.078E ON OCT 30
MAXIMUM INSTANTANEOUS,
43.7 AT 12:38 MST ON APR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 38 08 N
LONG 111 32 00 W
DRAINAGE AREA, 4 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	783
FEB	---	AUG	1 540
MAR	1 310	SEP	1 060
APR	41 600	OCT	483
MAY	9 880	NOV	---
JUN	4 180	DEC	---

TOTAL DISCHARGE, 80 700 dam³

BEAVERDAM CREEK NEAR COCHRANE - STATION NO. 05CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3318	0.018	0.002	0	0	0	0	0	---	1
2	---	---	0 B	0.1348	0.017	0	0	0	0	0	0	---	2
3	---	---	0 B	0.0748	0.011	0	0	0	0	0	0A	---	3
4	---	---	0.0258	0.0648	0.008	0	0.002	0	0.003	0	---	---	4
5	---	---	0.0508	0.0478	0.008	0	0.010	0	0.003	0	---	---	5
6	---	---	0.0408	0.0388	0.008	0	0.013	0	0.010	0	---	---	6
7	---	---	0.0358	0.0398	0.007	0.002	0.008	0	0.011	0	---	---	7
8	---	---	0.0208	0.0348	0.008	0.001	0.006	0	0.007	0	---	---	8
9	---	---	0.0108	0.0248	0.005	0	0.004	0	0.004	0	---	---	9
10	---	---	0.0058	0.0258	0.003	0	0.003	0	0	0	---	---	10
11	---	---	0.0038	0.0288	0.005	0	0.001	0	0	0	---	---	11
12	---	---	0.0038	0.0278	0.008	0	0	0	0	0	---	---	12
13	---	---	0.0038	0.0288	0.010	0	0	0	0	0	---	---	13
14	---	---	0.0038	0.032	0.007	0	0	0.014	0	0	---	---	14
15	---	---	0.0038	0.038	0.006	0	0	0.017	0	0	---	---	15
16	---	---	0.0038	0.034	0.012	0.001	0	0.011	0	0	---	---	16
17	---	---	0.0048	0.033	0.013	0.008	0	0.008	0	0	---	---	17
18	---	---	0.0048	0.0238	0.009	0.004	0	0.015	0	0	---	---	18
19	---	---	0.0058	0.0138	0.008	0.001	0.024	0.013	0	0	---	---	19
20	---	---	0.0088	0.018	0.007	0	0.036	0.008	0	0	---	---	20
21	---	---	0.0088	0.028	0.007	0	0.017	0.008	0	0	---	---	21
22	---	---	0.0078	0.027	0.007	0	0.014	0.001	0	0	---	---	22
23	---	---	0.0148	0.020	0.004	0	0.012	0	0	0	---	---	23
24	---	---	0.0188	0.018	0.001	0	0.008	0	0	0	---	---	24
25	---	0B	0.0208	0.020	0	0	0.008	0	0	0	---	---	25
26	---	0B	0.0108	0.018	0.001	0	0.014	0	0	0	---	---	26
27	---	0B	0 B	0.018	0.001	0	0.008	0	0	0	---	---	27
28	---	0B	0 B	0.020	0	0	0.005	0	0	0	---	---	28
29	---		0.0018	0.017	0	0	0.001	0	0	0	---	---	29
30	---		0.0888	0.017	0	0	0	0	0	0	---	---	30
31	---		0.2718		0		0	0		0		---	31
TOTAL	---	---	0.633	1.288	0.300	0.018	0.187	0.082	0.038	0	---	---	TOTAL
MEAN	---	---	0.020	0.042	0.008	0.001	0.008	0.003	0.001	0	---	---	MEAN
MAX	---	---	0.271	0.331	0.018	0.008	0.036	0.017	0.011	0	---	---	MAX
MIN	---	---	0	0.013	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.3318 ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 45 N
LONG 114 28 30 W
DRAINAGE AREA, 46.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.0
FEB	---	AUG	7.85
MAR	54.7	SEP	3.38
APR	108	OCT	0
MAY	17.3	NOV	---
JUN	1.84	DEC	---

TOTAL DISCHARGE, 211 dam³

BEAVERLODGE RIVER NEAR BEAVERLODGE - STATION NO. 07GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0078	0B	0 B	1.078	1.05	0.217	0.111	0.030	0.445	0.057	---	---	1
2	0.0078	0B	0 B	12.2 B	0.898	0.207	0.080	0.628	0.523	0.056	---	---	2
3	0.0058	0B	0 B	16.6 B	0.808	0.188	0.078	0.748	0.425	0.060	---	---	3
4	0.0048	0B	0 B	18.5 B	0.737	0.173	0.084	0.882	0.318	0.059	---	---	4
5	0.0038	0B	0 B	20.0 B	0.687	0.158	0.065	0.702	0.242	0.057	---	---	5
6	0.0048	0B	0 B	18.9 B	0.801	7.88	0.042	0.785	0.211	0.058	---	---	6
7	0.0028	0B	0 B	16.1 B	0.580	2.78	0.040	1.12	0.138	0.058	---	---	7
8	0.0018	0B	0 B	11.8 B	0.533	1.20	0.041	1.21	0.108	0.055	---	---	8
9	0.0018	0B	0 B	8.33	0.487	0.883	0.044	1.33	0.086	0.049	---	---	9
10	0.0018	0B	0 B	7.76	0.432	0.804	0.044	1.84	0.101	0.048	---	---	10
11	0.0038	0B	0 B	8.83	0.358	0.891	0.041	1.87	0.070	0.044	---	---	11
12	0.0018	0B	0 B	8.31	0.278	0.585	0.040	1.81	0.048	0.040	---	---	12
13	0 B	0B	0 B	8.37	0.217	0.487	0.037	1.80	0.029	0.037	---	---	13
14	0 B	0B	0 B	4.80	0.200	0.384	0.028	1.75	0.023	0.032	---	---	14
15	0 B	0B	0 B	4.88	0.208	0.275	0.027	1.88	0.026	0.029	---	---	15
16	0.0028	0B	0 B	4.34	0.158	0.221	0.026	1.88	0.032	0.026	---	---	16
17	0.0058	0B	0 B	3.75	0.128	0.188	0.018	1.73	0.034	0.024	---	---	17
18	0.0038	0B	0 B	3.43	0.103	0.171	0.018	1.88	0.040	0.024	---	---	18
19	0.0018	0B	0 B	3.13	0.122	0.182	0.011	1.80	0.048	0.027	---	---	19
20	0.0038	0B	0 B	2.88	0.088	0.177	0.008	1.32	0.044	0.030	---	---	20
21	0.0018	0B	0 B	2.67	0.068	0.288	0.008	1.10	0.080	0.031	---	---	21
22	0.0018	0B	0 B	2.30	0.080	0.812	0.008	0.920	0.045	0.028	---	---	22
23	0 B	0B	0 B	2.22	0.082	0.479	0.008	0.826	0.038	0.028	---	---	23
24	0 B	0B	0 B	2.02	0.048	0.378	0.006	0.741	0.034	0.025	---	---	24
25	0 B	0B	0 B	1.74	0.043	0.318	0.003	0.888	0.043	0.024	---	---	25
26	0 B	0B	0 B	1.48	0.026	0.281	0.004	0.588	0.047	0.022	---	---	26
27	0 B	0B	0 B	1.18	0.018	0.188	0.008	0.541	0.051	0.020A	---	---	27
28	0 B	0B	0 B	1.02	0.011	0.158	0.005	0.471	0.053	0.018E	---	---	28
29	0 B		0 B	1.34	0.084	0.137	0.004	0.458	0.054	0.017E	---	---	29
30	0 B		0.0028	1.12	0.234	0.124	0.007	0.438	0.058	0.017E	---	---	30
31	0 B		0.0188		0.191		0.013	0.444		0.018E	---	---	31
TOTAL	0.085	0	0.031	198.15	8.474	20.775	0.940	32.828	3.488	1.115	---	---	TOTAL
MEAN	0.002	0	0.001	6.61	0.308	0.883	0.030	1.08	0.116	0.038	---	---	MEAN
MAX	0.007	0	0.019	20.0	1.05	7.88	0.111	1.81	0.523	0.080	---	---	MAX
MIN	0	0	0	1.02	0.011	0.134	0.003	0.030	0.023	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 20.08 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
23.38 AT 18:00 MST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 31 N
LONG 119 28 08 W
DRAINAGE AREA, 1 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 75	JUL	81 3
FEB	0	AUG	2 840
MAR	1 81	SEP	359
APR	17 100	OCT	95 4
MAY	818	NOV	---
JUN	1 780	DEC	---

TOTAL DISCHARGE, 33 000 dam³

BEAVERTAIL CREEK NEAR HYTHE - STATION NO. 07GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.93 B	0.384	0.133	0.013	0.030	0.283	0.018	---	---	1
2	---	---	0 B	3.88 B	0.307	0.027	0.017	0.082	0.247	0.021	---	---	2
3	---	---	0 B	4.21 B	0.273	0.005	0.014	0.090	0.224	0.020	---	---	3
4	---	---	0 B	3.97 B	0.235	0.070	0.006	0.108	0.181	0.013	---	---	4
5	---	---	0 B	3.18 B	0.211	0.101	0.006	0.182	0.183	0.016	---	---	5
6	---	---	0 B	3.20 B	0.188	0.891	0.008	0.250	0.174	0.017	---	---	6
7	---	---	0 B	3.15 B	0.158	0.359	0.004	0.347	0.159	0.013	---	---	7
8	---	---	0 B	2.82 B	0.216	0.242	0.003	0.804	0.095	0.005	---	---	8
9	---	---	0 B	2.65 B	0.208	0.187	0.002	1.18	0.017	0.005	---	---	9
10	---	---	0 B	2.28 B	0.185	0.117	0.004	1.31	0.004	0.011	---	---	10
11	---	---	0 B	2.11 B	0.182	0.107	0.004	1.08	0.008	0.010	---	---	11
12	---	---	0 B	2.15	0.218	0.152	0.004	1.07	0.022	0.009	---	---	12
13	---	---	0 B	2.28	0.207	0.107	0.008	1.03	0.038	0.011	---	---	13
14	---	---	0 B	2.23	0.190	0.030	0.008	1.03	0.038	0.004	---	---	14
15	---	---	0 B	2.20	0.171	0.002	0.004	1.08	0.044	0.004	---	---	15
16	---	---	0 B	2.03	0.162	0	0.003	1.09	0.040	0.005	---	---	16
17	---	0B	0 B	1.87	0.178	0	0.004	1.08	0.037	0.004	---	---	17
18	---	0B	0 B	1.76	0.118	0	0.004	1.01	0.032	0.004	---	---	18
19	---	0B	0 B	1.60	0.170	0	0.004	0.924	0.032	0.004	---	---	19
20	---	0B	0 B	1.46	0.177	0	0.002	0.844	0.025	0.005	---	---	20
21	---	0B	0 B	1.31	0.163	0.042	0.002	0.799	0.018	0.005	---	---	21
22	---	0B	0 B	1.21	0.134	0.074	0.002	0.758	0.009	0.005	---	---	22
23	---	0B	0 B	1.13	0.111	0.047	0.002	0.737	0.008	0.005	---	---	23
24	---	0B	0 B	1.00	0.088	0.040	0.001	0.885	0.013	0.012	---	---	24
25	---	0B	0 B	0.880	0.084	0.032	0	0.870	0.018	0.017	---	---	25
26	---	0B	0 B	0.735	0.027	0.030	0.001	0.432	0.018	0.030	---	---	26
27	---	0B	0 B	0.813	0.364	0.025	0.001	0.343	0.017	0.020A	---	---	27
28	---	0B	0 B	0.898	0.198	0.018	0.001	0.287	0.018	0.018E	---	---	28
29	---		0.0018	0.887	0.183	0.014	0.002	0.233	0.021	0.018E	---	---	29
30	---		0.0048	0.478	0.378	0.018	0.004	0.210	0.020	0.011E	---	---	30
31	---		0.2308		0.260		0.007	0.230		0.008E	---	---	31
TOTAL	---	---	0.335	80.822	8.074	3.827	0.141	19.881	1.898	0.338	---	---	TOTAL
MEAN	---	---	0.008	2.83	0.198	0.086	0.005	0.831	0.087	0.011	---	---	MEAN
MAX	---	---	0.330	4.21	0.384	0.891	0.017	1.31	0.283	0.021	---	---	MAX
MIN	---	---	0	0.478	0.027	0	0	0.030	0.004	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.373
MAXIMUM DAILY, 4.210 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 15 57 N
LONG 119 38 25 W
DRAINAGE AREA, 662 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	12.2
FEB	---	AUG	1 880
MAR	20.3	SEP	173
APR	5 230	OCT	39.2
MAY	828	NOV	---
JUN	327	DEC	---

TOTAL DISCHARGE, 7 910 dam³

BEDDINGTON CREEK NEAR CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.147	0.044	0.008	0.077	0.034	0.027	---	---	1
2	---	---	---	---	0.137	0.038	0.008	0.063	0.038	0.028	---	---	2
3	---	---	---	---	0.135	0.030	0.010	0.043	0.073	0.024	---	---	3
4	---	---	---	---	0.119	0.028	0.088	0.044	0.075	0.024	---	---	4
5	---	---	---	---	0.108	0.024	0.112	0.088	0.077	0.023	---	---	5
6	---	---	---	---	0.108	0.030	0.130	0.063	0.088	0.038	---	---	6
7	---	---	---	---	0.101	0.028	0.141	0.048	0.104	0.023	---	---	7
8	---	---	---	---	0.088	0.027	0.084	0.038	0.084	0.028	---	---	8
9	---	---	---	---	0.088	0.028	0.071	0.042	0.088	0.028	---	---	9
10	---	---	---	---	0.088	0.023	0.068	0.048	0.078	0.041	---	---	10
11	---	---	---	---	0.088	0.017	0.048	0.081	0.088	0.027	---	---	11
12	---	---	---	---	0.101	0.018	0.034	0.083	0.080	0.024	---	---	12
13	---	---	---	---	0.108	0.013	0.028	0.103	0.048	0.020	---	---	13
14	---	---	---	0.142	0.102	0.011	0.018	0.188	0.041	0.030	---	---	14
15	---	---	---	0.181	0.100	0.011	0.011	0.181	0.040	0.032	---	---	15
16	---	---	---	0.145	0.117	0.033	0.013	0.142	0.031	0.032	---	---	16
17	---	---	---	0.183	0.121	0.083	0.013	0.140	0.048	0.034	---	---	17
18	---	---	---	0.188	0.132	0.038	0.018	0.134	0.038	0.033	---	---	18
19	---	---	---	0.180	0.128	0.030	0.078	0.128	0.038	0.033	---	---	19
20	---	---	---	0.188	0.107	0.030	0.118	0.138	0.032	0.032	---	---	20
21	---	---	---	0.187	0.107	0.028	0.088	0.108	0.028	0.034	---	---	21
22	---	---	---	0.148	0.108	0.018	0.081	0.088	0.028	0.038	---	---	22
23	---	---	---	0.140	0.080	0.011	0.084	0.088	0.022	0.044	---	---	23
24	---	---	---	0.148	0.082	0.012	0.072	0.082	0.022	0.038	---	---	24
25	---	---	---	0.184	0.080	0.008	0.187	0.088	0.038	0.040	---	---	25
26	---	---	---	0.180	0.078	0.007	1.83	0.083	0.081	0.038	---	---	26
27	---	---	---	0.183	0.087	0.008	0.848	0.047	0.048	0.042A	---	---	27
28	---	---	---	0.188	0.083	0.007	0.378	0.048	0.038	0.040E	---	---	28
29	---		---	0.184	0.084	0.007	0.188	0.044	0.038	0.040E	---	---	29
30	---		---	0.178	0.071	0.007	0.138	0.038	0.038	0.040E	---	---	30
31	---		---		0.047		0.108	0.038		0.040E		---	31
TOTAL	---	---	---	---	3.088	0.857	4.988	3.493	1.810	1.003	---	---	TOTAL
MEAN	---	---	---	---	0.100	0.032	0.180	0.080	0.080	0.032	---	---	MEAN
MAX	---	---	---	---	0.147	0.083	1.83	0.188	0.104	0.044	---	---	MAX
MIN	---	---	---	---	0.047	0.008	0.008	0.038	0.022	0.020	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.83 ON JUL 26

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 30 N
LONG 114 08 40 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	428
FEB	---	AUG	218
MAR	---	SEP	130
APR	---	OCT	86.7
MAY	287	NOV	---
JUN	86.8	DEC	---

BELLY - ST. MARY DIVERSION CANAL - STATION NO. 05AD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0E	0	31.9	50.9	40.4	31.4	12.5	28.8	0	0E	1
2	0E	0E	0E	0	36.5	47.3	39.4	30.5	7.51	22.9	0	0E	2
3	0E	0E	0E	0	32.1	43.7	37.3	28.4	7.48	18.7	0A	0E	3
4	0E	0E	0E	0	26.1	43.0	36.3	27.2	8.15	18.4	0E	0E	4
5	0E	0E	0E	0	31.1	42.8	36.2	26.8	8.87	14.6	0E	0E	5
6	0E	0E	0E	3.73	30.3	42.8	36.0	28.4	8.88	10.1	0E	0E	6
7	0E	0E	0E	8.03	27.2	44.4	34.8	27.1	8.87	8.31	0E	0E	7
8	0E	0E	0E	8.26	27.1	45.4	33.9	26.5	8.84	8.20	0E	0E	8
9	0E	0E	0E	8.06	44.7	45.4	33.4	26.3	8.90	3.88	0E	0E	9
10	0E	0E	0E	7.83	51.3	46.2	34.0	26.3	8.85	0.023	0E	0E	10
11	0E	0E	0E	7.80	58.7	45.2	35.2	27.8	8.24	0.018	0E	0E	11
12	0E	0E	0E	7.46	58.6	46.1	34.6	26.8	8.80	0.017	0E	0E	12
13	0E	0E	0E	8.82	60.0	50.0	33.4	26.3	8.51	0.014	0E	0E	13
14	0E	0E	0E	6.75	60.3	48.8	33.2	26.2	8.37	0	0E	0E	14
15	0E	0E	0E	8.83	58.7	50.3	32.6	30.8	8.04	0	0E	0E	15
16	0E	0E	0E	8.84	59.6	51.8	32.1	30.0	8.02	0	0E	0E	16
17	0E	0E	0E	10.4	59.0	51.8	32.6	29.6	8.84	0	0E	0E	17
18	0E	0E	0E	14.4	58.5	50.8	37.1	29.6	17.2	0	0A	0E	18
19	0E	0E	0E	15.8	57.8	49.4	46.8	29.1	28.1	0	0E	0E	19
20	0E	0E	0E	15.0	56.6	46.8	46.1	26.3	33.1	0	0E	0E	20
21	0E	0E	0E	13.3	53.3	46.8	43.8	19.1	32.0	0	0E	0E	21
22	0E	0E	0E	12.8	52.8	45.1	43.1	18.7	31.4	0	0E	0E	22
23	0E	0E	0E	12.6	53.6	37.7	36.8	18.4	30.7	0	0E	0E	23
24	0E	0E	0A	13.1	52.0	36.1	34.0	18.2	29.8	0	0E	0E	24
25	0E	0E	0	12.1	51.8	34.8	32.6	20.6	30.3	0	0E	0E	25
26	0E	0E	0	12.7	52.8	33.8	31.8	18.6	32.8	0	0E	0E	26
27	0E	0E	0	13.4	54.6	34.1	36.1	18.6	33.3	0	0E	0E	27
28	0E	0E	0	16.3	50.7	34.8	37.1	19.4	32.8	0	0E	0E	28
29	0E		0	20.8	52.8	36.8	36.8	19.3	32.0	0	0E	0E	29
30	0E		0	26.6	52.1	40.3	34.6	19.3	30.6	0	0E	0E	30
31	0E		0		51.8		33.2	18.1		0		0E	31
TOTAL	0	0	0	287.84	1 480.4	1 321.7	1 126.8	767.7	548.58	130.873	0	0	TOTAL
MEAN	0	0	0	9.58	48.1	44.1	36.3	24.4	18.3	4.22	0	0	MEAN
MAX	0	0	0	26.6	60.3	51.8	46.8	31.4	33.3	28.8	0	0	MAX
MIN	0	0	0	0	20.3	33.8	31.8	18.3	7.48	0	0	0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.5
MAXIMUM DAILY, 60.3 ON MAY 14
MINIMUM DAILY, 0E ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 10 N
LONG 113 33 07 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1959

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	97 300
FEB	0	AUG	68 500
MAR	0	SEP	47 400
APR	24 800	OCT	11 300
MAY	128 000	NOV	0
JUN	114 000	DEC	0

TOTAL DISCHARGE, 485 000 dam³

BELLY RIVER NEAR GLENWOOD - STATION NO. 05AD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	2.00 B	1.60B	3.17	8.11	14.1	1.38	2.58	7.18	1.83	1.98	2.37 B	1
2	2.60B	2.10 B	2.80B	3.31	3.80	15.8	1.38	2.83	10.8	4.38	1.87	2.07 B	2
3	2.70B	2.30 B	3.40B	4.34	1.28	16.8	1.27	2.38	10.7	9.82	1.88	1.71 B	3
4	2.58B	2.30 B	4.20B	5.58	0.975	13.1	1.22	2.27	10.1	8.72	2.07	2.38 B	4
5	2.49B	2.40 B	4.80B	5.76	0.817	8.87	1.30	2.17	8.93	8.74	2.06	2.39	5
6	2.30B	2.50 B	4.80B	4.38	0.958	10.7	1.18	2.08	8.71	11.3	0.831	2.47	6
7	2.10B	2.55 B	4.70B	1.63	0.886	10.1	1.28	2.10	8.38	11.8	0.741	2.57	7
8	2.00B	2.40 B	4.60B	0.888	1.13	8.88	1.21	2.01	8.02	11.8	0.878	2.81 B	8
9	2.30B	2.42 B	4.38B	0.898	1.18	8.22	1.12	1.88	7.88	15.3	0.744	2.66 B	9
10	2.80B	2.80 B	4.27B	0.828	2.58	8.88	1.09	2.00	7.40	17.0	0.721	2.35 B	10
11	2.90B	2.60 B	4.10B	0.788	5.82	8.71	1.08	2.15	6.87	14.4	0.708	2.00 B	11
12	2.60B	2.85 B	4.00B	0.784	6.40	6.58	1.06	1.88	6.81	11.7	0.708	1.70 B	12
13	1.78B	2.80 B	4.84	0.748	6.23	3.80	1.08	2.02	6.62	10.8	1.18	1.46 B	13
14	1.60B	2.50 B	4.55	0.638	6.27	2.40	1.13	2.20	6.86	7.41	1.78	1.35 B	14
15	1.48B	2.40 B	4.42	0.788	6.21	2.32	1.07	2.27	6.89	4.85	1.84 B	1.28 B	15
16	1.40B	2.10 B	4.28	0.780	5.33	1.91	1.03	2.28	6.33	3.38	1.93 B	1.24 B	16
17	1.38B	1.88 B	4.02	1.03	5.18	1.43	1.01	2.22	5.70	2.48	2.10 B	1.28 B	17
18	1.40B	1.88 B	3.84	1.88	3.42	1.44	1.33	2.18	7.47A	2.15	2.08 B	1.30 B	18
19	1.48B	1.88 B	3.70E	1.77	2.07	1.48	1.47	2.18	8.77A	1.84	2.51	1.38 B	19
20	1.80B	1.47 B	3.80E	1.88	1.57	1.38	1.31	2.24	2.84	1.80	2.70	1.40 B	20
21	1.96B	1.35 B	3.80E	1.43	1.50	1.32	1.31	2.28	2.38	2.02	2.34	1.37 B	21
22	1.80B	1.35 B	3.80E	1.28	1.48	1.34	12.7	2.32	2.18	2.43	2.02	1.34 B	22
23	1.68B	1.10 B	3.40E	1.24	1.43	1.15	48.1	2.35	2.10	2.38	1.88	1.30 B	23
24	1.70B	1.03 B	3.27A	1.33	1.41	1.13	30.8	2.46	2.04	2.31	1.88	1.38 B	24
25	1.75B	0.880B	3.30	1.33	1.38	1.17	15.4	4.03	2.00	2.28	2.00	1.80 B	25
26	1.80B	0.800B	3.35	1.28	1.40	1.32	10.9	5.38A	2.14	2.30	1.86 B	1.98 B	26
27	1.82B	0.880B	3.17	1.38	12.8	1.33	8.04	6.58A	2.27	2.21	1.80 B	2.08 B	27
28	1.85B	1.20 B	2.00B	1.08	32.4	1.38	1.85	6.22	2.13	2.13	2.24 B	1.70 B	28
29	1.88B		1.98B	1.28	24.3	1.34	1.84	5.88	2.07	2.10	2.28 B	1.36 B	29
30	1.90B		2.20B	3.86	18.5	1.41	2.30	5.48	2.01	2.08	2.20 B	0.850B	30
31	1.95B		2.70B		18.4		2.84	5.07		2.02		0.800B	31
TOTAL	61.89	53.870	113.72	57.826	187.884	189.82	184.34	91.88	187.55	185.35	61.738	83.810	TOTAL
MEAN	1.99	1.92	3.67	1.92	6.06	6.33	4.98	2.96	6.59	5.98	1.72	1.73	MEAN
MAX	3.00	2.85	4.90	5.76	32.4	15.8	48.1	6.58	10.8	17.0	2.70	2.81	MAX
MIN	1.35	0.800	1.80	0.748	0.817	1.13	1.01	1.88	2.00	1.80	0.878	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 48.1 ON JUL 23
MINIMUM DAILY, 0.800B ON DEC 31
MAXIMUM INSTANTANEOUS,
49.7 AT 03:05 MST ON JUL 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 05 N
LONG 113 38 49 W
DRAINAGE AREA, 887 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1936

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 330	JUL	13 300
FEB	4 650	AUG	7 920
MAR	9 830	SEP	16 200
APR	4 980	OCT	16 000
MAY	16 200	NOV	4 470
JUN	13 800	DEC	4 820

TOTAL DISCHARGE, 118 000 dam³

BELLY RIVER NEAR MOUNTAIN VIEW - STATION NO. 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.75B	1.70B	2.86	35.6	21.1	9.06	12.2	7.69	3.85	1.83	1.12 B	1
2	1.75B	1.88B	1.75B	2.83	32.4	19.5	8.31	10.9	7.88	3.82	1.84	1.11 B	2
3	1.60B	1.61B	2.06B	2.86	28.2	17.0	7.74	9.31	7.38	3.41	1.81	1.30 B	3
4	1.55B	2.27B	2.93B	3.59	20.0	14.6	7.28	7.84	7.05	3.38	1.92	1.61 B	4
5	1.70B	3.28B	3.23B	4.62	16.6	14.2	7.87	7.01	8.71	3.22	1.83	1.48 B	5
6	3.00B	2.01B	3.64B	5.16	19.3	15.8	7.44	7.33	8.87	3.16	1.24	1.61 B	6
7	2.60B	1.87B	4.01B	5.46	21.1	17.0	8.87	7.89	9.31	3.14	0.183	1.72 B	7
8	2.55B	1.64B	4.08B	5.82	24.1	17.4	8.12	7.21	8.02	3.05	0.172	1.74 B	8
9	2.80B	1.60B	4.25B	5.88	27.4	16.8	5.86	7.08	5.76	2.39	0.161	1.78 B	9
10	2.40B	1.60B	4.17B	5.63	29.6	16.6	7.88	7.11	5.18	1.82	0.163	1.87 B	10
11	2.15B	1.66B	4.25B	5.84	28.6	16.1	7.81	7.44	4.84	1.77	0.168	1.72 B	11
12	1.70B	1.60B	4.06	5.89	28.0	15.3	7.38	9.88	4.56	1.89	0.875	1.43 B	12
13	1.45B	1.75B	4.03	6.36	28.5	14.6	7.08	8.80	4.82	1.83	1.88	1.40 B	13
14	1.40B	1.74B	3.89	6.27	24.8	14.4	6.85	8.53	4.43	1.86	1.78	1.87 B	14
15	1.45B	1.70B	3.89	6.46	22.9	14.9	6.84	8.78	4.30	1.87	1.74	2.83 B	15
16	1.80B	1.66B	3.67	7.71	22.8	16.1	6.22	8.38	4.02	1.86	1.87 B	2.40 B	16
17	1.68B	1.87B	3.42	13.0	21.2	15.0	6.40	8.38	3.85	1.83	1.81 B	2.44 B	17
18	1.70B	1.89B	3.37	16.1	19.2	13.3	11.2	8.22	3.83	1.84	1.84 B	2.47 B	18
19	1.78B	1.71B	3.10B	15.3	17.0	14.7	16.8	8.88	3.43	1.38	2.08	2.50 B	19
20	1.70B	1.70B	3.70B	13.3	14.8	14.7	14.5	8.42	3.27	1.89	1.81	2.63 B	20
21	1.88B	1.60B	3.36	11.8	13.3	14.2	13.4	7.84	3.10	2.35	1.78	2.80 B	21
22	1.40B	1.48B	3.17	11.8	11.8	13.4	36.5	7.38	2.84	2.26	1.74	2.48 B	22
23	1.60B	1.30B	2.87B	11.1	10.5	13.0	40.2	7.11	3.03	2.23	1.70	2.48 B	23
24	2.00B	1.40B	2.86	10.8	8.44	10.4	29.8	10.0	3.02	2.18	1.74	2.48 B	24
25	2.10B	1.60B	2.75	11.2	7.88	9.38	23.4	11.1	3.08	2.26	1.73	2.48 B	25
26	1.81B	1.80B	2.78B	11.8	11.2	8.11	18.7	10.8	3.48	2.19	1.47	2.26 B	26
27	1.80B	1.68B	2.78B	13.1	33.1	8.37	16.4	10.1	4.48	2.06	1.87	1.83 B	27
28	1.83B	1.73B	2.48B	16.8	37.7	8.81	15.4	8.83	4.18	2.03	1.60	1.38 B	28
29	1.70B		2.78B	33.7	30.7	8.87	15.4	8.88	3.98	1.83	1.30 B	1.18 B	29
30	1.68B		2.87B	33.8	24.4	8.38	14.5	8.41	3.81	1.86	1.18 B	0.987B	30
31	1.72B		2.88		22.7		13.4	8.00		1.85		0.730B	31
TOTAL	57.28	48.88	100.48	303.48	682.03	428.08	403.87	287.88	142.04	88.88	42.040	58.687	TOTAL
MEAN	1.85	1.74	3.24	10.1	22.3	14.3	13.0	8.84	4.73	2.38	1.40	1.83	MEAN
MAX	2.80	3.28	4.25	33.8	37.7	21.1	40.2	12.2	7.69	3.85	3.08	2.83	MAX
MIN	1.40	1.30	1.70	2.83	7.88	8.11	8.22	6.80	2.84	1.38	0.161	0.730	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.18
MAXIMUM DAILY, 40.2 ON JUL 23
MINIMUM DAILY, 0.161 ON NOV 8
MAXIMUM INSTANTANEOUS,
83.0 AT 18:48 MST ON JUL 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 00 N
LONG 113 41 48 W
DRAINAGE AREA, 318 km²

B - ICE CONDITIONS

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 950	JUL	36 900
FEB	4 210	AUG	23 100
MAR	8 980	SEP	12 300
APR	28 100	OCT	8 040
MAY	59 800	NOV	3 930
JUN	38 800	DEC	4 810

TOTAL DISCHARGE, 226 000 dam³

BERLAND RIVER NEAR THE MOUTH - STATION NO. 07AC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	10.08	13.08	23.8	44.1	33.6	49.4	46.0	26.6	20.4	---	1
2	---	---	10.28	18.68	25.7	40.3	33.4	474	46.7	28.0	20.3	---	2
3	---	---	10.58	27.88	26.0	37.4	33.1	708	46.3	25.1	20.0A	---	3
4	---	---	10.68	35.48	26.1	34.8	32.3	411	52.0	25.6	---	---	4
5	---	---	10.98	43.28	27.3	33.6	32.3	288	48.2	26.2	---	---	5
6	---	---	11.38	51.08	28.6	33.6	33.4	234	46.6	26.1	---	---	6
7	---	---	11.48	54.78	28.6	36.3	33.6	182	41.4	25.1	---	---	7
8	---	---	11.48	55.88	28.6	35.6	34.3	146	39.6	24.6	---	---	8
9	---	---	11.18	55.38	28.3	34.1	28.3	123	38.3	24.0	---	---	9
10	---	---	11.08	50.78	28.3	33.6	37.0	114	36.6	23.6	---	---	10
11	---	---	11.58	44.68	32.4	33.8	29.2	116	35.0	23.4	---	---	11
12	---	---	11.78	42.48	34.1	33.0	28.5	109	33.6	23.1	---	---	12
13	---	---	11.38	38.38	35.2	31.5	26.6	99.7	34.5	23.0	---	---	13
14	---	---	11.48	33.68	37.0	30.5	25.6	84.2	37.6	22.8	---	---	14
15	---	---	11.68	27.38	35.5	31.0	23.6	86.6	40.5	23.4	---	---	15
16	---	---	11.68	23.48	34.4	30.6	23.7	80.7	38.9	22.0	---	---	16
17	---	---	11.78	23.68	32.7	30.6	23.7	76.6	36.6	21.8	---	---	17
18	---	---	11.68	21.68	31.7	30.3	27.8	70.0	34.5	21.4	---	---	18
19	---	---	11.78	19.38	34.7	28.4	31.5	86.0	33.0	20.8	---	---	19
20	---	---	11.68	18.48	36.3	27.6	30.8	88.1	31.5	21.1	---	---	20
21	---	---	11.68	18.38	39.3	28.3	30.0	88.0	31.1	20.8	---	---	21
22	---	---	11.68	20.68	43.6	30.7	34.6	87.2	29.9	21.0	---	---	22
23	---	---	11.48	21.6	46.0	30.6	35.9	86.3	28.6	19.9	---	---	23
24	---	---	11.48	21.6	46.1	29.2	33.8	73.6	27.6	19.7	---	---	24
25	---	---	11.48	21.3	45.3	28.9	32.2	66.3	27.4	20.9	---	---	25
26	---	---	11.38	20.6	44.0	28.2	30.9	59.5	27.4	20.5	---	---	26
27	---	---	11.38	20.5	41.8	24.5	28.1	54.7	27.8	20.1	---	---	27
28	---	---	11.28	20.6	40.6	24.6	28.1	52.8	28.0	20.4	---	---	28
29	---		11.28	21.2	46.6	24.1	27.0	54.5	28.2	20.6	---	---	29
30	---		11.18	23.3	50.4	23.9	28.0	54.0	27.1	20.3	---	---	30
31	---		11.38		48.4		26.7	51.3		20.5		---	31
TOTAL	---	---	348.3	807.5	1 101.6	938.1	843.4	4 340.3	1 083.6	699.0	---	---	TOTAL
MEAN	---	---	11.3	30.3	35.5	31.3	27.2	140	36.1	22.5	---	---	MEAN
MAX	---	---	11.8	55.8	50.4	44.1	35.9	708	52.0	28.6	---	---	MAX
MIN	---	---	10.0	13.0	23.8	23.8	22.3	49.4	27.1	19.7	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.5
MAXIMUM DAILY, 708 ON AUG 3
MINIMUM DAILY, 10.08 ON MAR 1
MAXIMUM INSTANTANEOUS,
848 AT 03 10 MST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 47 N
LONG 118 57 47 W
DRAINAGE AREA, 4 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	72 800
FEB	---	AUG	375 000
MAR	30 200	SEP	83 400
APR	78 400	OCT	80 400
MAY	95 200	NOV	---
JUN	81 100	DEC	---

TOTAL DISCHARGE, 887 000 dam³

BERRY CREEK BELOW DEADFISH CREEK - STATION NO. 05CH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	0.0318	0.032	0.388	0.788	0.426	0.180E	0.019	0.085	---	1
2	---	---	0.0178	0.0308	0.034	0.409	0.827	0.328	0.180E	0.007	0.085	---	2
3	---	---	0.0218	0.0428	0.038	0.409	0.485	0.257	0.185E	0.005	0.081	---	3
4	---	---	0.0288	0.0498	0.217	0.381	0.462	0.214	0.140E	0.033	0.028A	---	4
5	---	---	0.0348	0.0808	0.361	0.474	0.452	0.221	0.120E	0.029	---	---	5
6	---	---	0.0288	0.0738	0.477	0.586	0.484	0.208	0.108E	0.030	---	---	6
7	---	---	0.0228	0.072	0.487	0.708	0.333	0.210	0.098E	0.031	---	---	7
8	---	---	0.0228	0.064	0.423	1.13	0.373	0.223	0.085E	0.050	---	---	8
9	---	---	0.0338	0.067	0.307	1.26	0.498	0.200	0.078E	0.140	---	---	9
10	---	---	0.0248	0.059	0.237	1.62	0.584	0.187	0.088E	0.219	---	---	10
11	---	---	0.0288	0.060	0.188	1.56	1.03	0.188	0.081A	0.234	---	---	11
12	---	---	0.0318	0.067	0.167	1.35	1.33	0.118A	0.082A	0.188	---	---	12
13	---	---	0.0278	0.060	0.128	1.07	1.31	0.144E	0.084E	0.088	---	---	13
14	---	---	0.0238	0.048	0.271	0.818	1.19	0.185E	0.089E	0.476	---	---	14
15	---	---	0.0238	0.048	0.851	0.886	1.34	0.206E	0.084E	0.481	---	---	15
16	---	---	0.0238	0.043	0.886	0.818	1.37	0.280E	0.049E	0.358	---	---	16
17	---	---	0.0408	0.048	0.816	1.05	1.40	0.315E	0.047E	0.257	---	---	17
18	---	---	0.0488	0.046	0.824	1.13	1.33	0.285E	0.037E	0.197	---	---	18
19	---	---	0.0408	0.042	0.956	0.704	0.885	0.260E	0.030E	0.184	---	---	19
20	---	0.0118	0.0378	0.038	0.998	0.826	0.818	0.230E	0.028E	0.133	---	---	20
21	---	0.0118	0.0348	0.038	1.03	0.471	0.548	0.180E	0.024E	0.086	---	---	21
22	---	0.0108	0.0288	0.037	1.02	0.437	0.636	0.175E	0.018E	0.117	---	---	22
23	---	0.0088	0.0328	0.038	0.867	0.388	0.632	0.180E	0.021E	0.148	---	---	23
24	---	0.0088	0.0348	0.038	0.588	0.310	0.805	0.180E	0.027E	0.141	---	---	24
25	---	0.0088	0.0378	0.038	0.388	0.377	0.808	0.210E	0.037E	0.138	---	---	25
26	---	0.0088	0.0388	0.034	0.413	0.337	0.473	0.222E	0.038E	0.108	---	---	26
27	---	0.0128	0.023	0.034	0.404	0.188	0.428	0.200E	0.034E	0.101	---	---	27
28	---	0.0218	0.0288	0.034	0.378	0.207	0.410	0.180E	0.031E	0.087	---	---	28
29	---		0.0288	0.039	0.360	0.222	0.412	0.168E	0.027E	0.088	---	---	29
30	---		0.0288	0.041	0.388	0.373	0.418	0.142E	0.018A	0.038	---	---	30
31	---		0.0328		0.383		0.802	0.142E		0.033		---	31
TOTAL	---	---	0.887	1.382	15.210	30.803	22.385	6.842	1.840	4.188	---	---	TOTAL
MEAN	---	---	0.028	0.048	0.491	0.887	0.722	0.211	0.085	0.136	---	---	MEAN
MAX	---	---	0.044	0.073	1.03	1.62	1.40	0.426	0.180	0.481	---	---	MAX
MIN	---	---	0.018	0.030	0.032	0.188	0.333	0.118	0.018	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.389
MAXIMUM DAILY, 1.62 ON JUN 10
MINIMUM DAILY, 0.005 ON OCT 3
MAXIMUM INSTANTANEOUS,
1.70 AT 08:47 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 05 N
LONG 111 45 59 W
DRAINAGE AREA, 2 460 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	585
MAR	75.8	SEP	188
APR	120	OCT	380
MAY	1 310	NOV	---
JUN	1 780	DEC	---

TOTAL DISCHARGE, 8 310 dam³

BERRY CREEK NEAR ROSE LYNN - STATION NO. 08CH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.88 B	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.7658	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.4538	0	0	0	0	0	0	0	---	3
4	---	---	0 B	0.412	0	0	0.188	0	0	0	0A	---	4
5	---	---	0 B	0.247	0	0	0.384	0	0	0	---	---	5
6	---	---	0 B	0.183	0	0	0.774	0	0	0	---	---	6
7	---	---	0 B	0.086	0	0	0.483	0	0	0	---	---	7
8	---	---	0 B	0.082	0	0	0.483	0	0	0	---	---	8
9	---	---	0 B	0.060	0	0	0.294	0	0	0	---	---	9
10	---	---	0 B	0.087	0	0	0.188	0	0	0	---	---	10
11	---	---	0 B	0.284	0	0	0.133	0	0	0	---	---	11
12	---	---	0 B	0.202	0	0	0.101	0	0	0	---	---	12
13	---	---	0 B	0.134	0	0	0.083	0	0	0	---	---	13
14	---	---	0 B	0.107	0	0	0.083	0	0	0	---	---	14
15	---	---	0 B	0.108	0	0	0.043	0	0	0	---	---	15
16	---	---	0 B	0.089	0	0	0.032	0	0	0	---	---	16
17	---	---	0 B	0.067	0	0	0.023	0	0	0	---	---	17
18	---	---	0 B	0.063	0	0	0.017	0	0	0	---	---	18
19	---	---	0 B	0.078	0	0	0.017	0	0	0	---	---	19
20	---	---	0 0888	0.060	0	0	0.013	0	0	0	---	---	20
21	---	---	0.1848	0.050	0	0	0.008	0	0	0	---	---	21
22	---	---	0.0878	0.042	0	0	0.006	0	0	0	---	---	22
23	---	---	0.0888	0.032	0	0	0.004	0	0	0	---	---	23
24	---	0B	0.0808	0.026	0	0	0.002	0	0	0	---	---	24
25	---	0B	0.0438	0.023	0	0	0.001	0	0	0	---	---	25
26	---	0B	0.0408	0.013	0	0	0.001	0	0	0	---	---	26
27	---	0B	0.0388	0.007	0	0	0	0	0	0	---	---	27
28	---	0B	0.0308	0	0	0	0	0	0	0	---	---	28
29	---		0.0988	0	0	0	0	0	0	0	---	---	29
30	---		0.1888	0	0	0	0	0	0	0	---	---	30
31	---		0.8788		0		0	0				---	31
TOTAL	---	---	1.882	5.378	0	0	3.586	0	0	0	---	---	TOTAL
MEAN	---	---	0.060	0.179	0	0	0.115	0	0	0	---	---	MEAN
MAX	---	---	0.878	1.88	0	0	0.883	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 1.88B ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 58 N
LONG 111 39 41 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	308
FEB	---	AUG	0
MAR	134	SEP	0
APR	484	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 908 dam³

BERRY CREEK NEAR THE MOUTH - STATION NO 08CH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0878	0.085	0.047	0.258	0.080	0.145	0.148	0.021	0.055	---	1
2	---	---	0.0568	0.066	0.034	0.284	0.062	0.147	0.132	0.010	0.053	---	2
3	---	---	0.0368	0.064	0.032	0.235	0.031	0.220	0.151	0.010	0.050	---	3
4	---	---	0.0838	0.057	0.025	0.192	0.078	0.188	0.173	0.010	0.048	---	4
5	---	---	0.1038	0.088	0.022	0.121	0.178	0.138	0.185	0.012	0.043A	---	5
6	---	---	0.1088	0.088	0.022	0.088	0.218	0.080	0.148	0.011	---	---	6
7	---	---	0.1078	0.083	0.030	0.048	0.237	0.067	0.138	0.009	---	---	7
8	---	---	0.1008	0.083	0.372	0.033	0.187	0.048	0.134	0.010	---	---	8
9	---	---	0.081	0.080	0.386	0.018	0.185	0.034	0.121	0.004	---	---	9
10	---	---	0.084	0.072	0.328	0.138	0.143	0.041	0.104	0.008	---	---	10
11	---	---	0.088	0.107	0.348	0.324	0.148	0.040	0.088	0.012	---	---	11
12	---	---	0.088	0.132	0.178	0.467	0.088	0.031	0.087	0.007	---	---	12
13	---	---	0.081	0.108	0.122	0.388	0.107	0.044	0.090	0.008	---	---	13
14	---	---	0.081	0.088	0.088	0.333	0.270	0.098	0.081	0.005	---	---	14
15	---	---	0.083	0.088	0.038	0.238	0.318	0.141	0.083	0.006	---	---	15
16	---	---	0.084	0.078	0.037	0.131	0.281	0.141	0.084	0.006	---	---	16
17	---	---	0.075	0.074	0.218	0.387	0.304	0.187	0.087	0.100	---	---	17
18	---	---	0.088	0.078	0.370	0.847	0.342	0.218	0.048	0.227	---	---	18
19	---	---	0.100	0.078	0.380	1.17	0.887	0.282	0.047	0.207	---	---	19
20	---	---	0.084	0.087	0.387	1.51	0.780	0.280	0.038	0.172	---	---	20
21	---	---	0.083	0.088	0.303	0.812	0.424	0.248	0.034	0.137	---	---	21
22	---	---	0.085	0.082	0.402	0.881	0.280	0.213	0.038	0.130	---	---	22
23	---	0.0348	0.078	0.088	0.535	0.534	0.307	0.178	0.028	0.103	---	---	23
24	---	0.0388	0.077	0.088	0.441	0.423	0.188	0.172	0.030	0.108	---	---	24
25	---	0.0488	0.077	0.084	0.432	0.343	0.228	0.148	0.018	0.087	---	---	25
26	---	0.0758	0.081	0.048	0.358	0.228	0.338	0.148	0.033	0.087	---	---	26
27	---	0.0788	0.072	0.081	0.314	0.187	0.383	0.188	0.038	0.080	---	---	27
28	---	0.0828	0.080	0.082	0.178	0.138	0.280	0.188	0.033	0.078	---	---	28
29	---		0.074	0.088	0.235	0.103	0.184	0.207	0.028	0.070	---	---	29
30	---		0.073	0.088	0.331	0.084	0.283	0.188	0.031	0.084	---	---	30
31	---		0.082		0.304		0.308	0.177		0.088		---	31
TOTAL	---	---	2.388	2.303	8.887	10.438	7.548	4.714	2.381	1.870	---	---	TOTAL
MEAN	---	---	0.078	0.077	0.328	0.348	0.243	0.152	0.078	0.080	---	---	MEAN
MAX	---	---	0.108	0.132	0.535	1.51	0.780	0.282	0.173	0.227	---	---	MAX
MIN	---	---	0.038	0.048	0.022	0.018	0.031	0.031	0.018	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.187
MAXIMUM DAILY, 1.51 ON JUN 20
MINIMUM DAILY, 0.004 ON OCT 8
MAXIMUM INSTANTANEOUS,
2.88 AT 18:10 MST ON JUN 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 18 N
LONG 111 36 28 W
DRAINAGE AREA, 3 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	852
FEB	---	AUG	407
MAR	204	SEP	303
APR	189	OCT	183
MAY	892	NOV	---
JUN	892	DEC	---

TOTAL DISCHARGE, 3 330 dam³

BERRY CREEK RESERVOIR NEAR SUNNYNOOK - STATION NO. 08CH014

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	731.336	731.808	731.830	731.806	731.338	731.290	731.288	731.868	731.868	---	1
2	---	---	731.338	731.843	731.808	731.804	731.336	731.286	731.263	731.848	731.868	---	2
3	---	---	731.339	731.878	731.480	731.806	731.331	731.288	731.340	731.847	731.857	---	3
4	---	---	731.345	731.886	731.484	731.817	731.381	731.306	731.382	731.843	731.863A	---	4
5	---	---	731.352	731.808	731.433	731.813	731.342	731.313	731.434	731.830	---	---	5
6	---	---	731.358	731.818	731.430	731.815	731.347	731.333	731.475	731.831	---	---	6
7	---	---	731.354	731.831	731.432	731.808	731.350	731.328	731.486	731.836	---	---	7
8	---	---	731.344	731.831	731.446	731.810	731.350	731.330	731.536	731.818	---	---	8
9	---	---	731.348	731.831	731.483	731.804	731.353	731.320	731.573	731.778	---	---	9
10	---	---	731.348	731.833	731.467	731.806	731.353	731.318	731.662	731.748	---	---	10
11	---	---	731.347	731.836	731.486	731.804	731.350	731.308	731.617	731.733	---	---	11
12	---	---	731.352	731.827	731.471	731.800	731.382	731.304	731.644	731.718	---	---	12
13	---	---	731.350	731.824	731.488	731.496	731.387	731.308	731.671	731.703	---	---	13
14	---	---	731.354	731.836	731.483	731.498	731.388	731.331	731.667	731.701	---	---	14
15	---	---	731.352	731.824	731.478	731.481	731.398	731.336	731.714	731.701	---	---	15
16	---	---	731.353	731.818	731.475	731.484	731.380	731.333	731.751	731.688	---	---	16
17	---	---	731.356	731.835	731.470	731.480	731.363	731.329	731.764	731.689	---	---	17
18	---	---	731.355	731.818	731.474	731.436	731.377	731.320	731.818	731.680	---	---	18
19	---	---	731.370	731.821	731.478	731.427	731.378	731.302	731.851	731.678	---	---	19
20	---	---	731.372	731.809	731.472	731.417	731.373	731.288	731.861	731.670	---	---	20
21	---	---	731.372	731.815	731.473	731.426	731.365	731.290	731.867	731.675	---	---	21
22	---	---	731.375	731.809	731.478	731.407	731.357	731.288	731.888	731.686	---	---	22
23	---	---	731.374	731.889	731.490	731.385	731.343	731.286	731.885	731.682	---	---	23
24	---	731.338A	731.378	731.808	731.485	731.374	731.338	731.287	731.884	731.884	---	---	24
25	---	731.338	731.382	731.810	731.803	731.388	731.328	731.288	731.877	731.882	---	---	25
26	---	731.335	731.388	731.808	731.800	731.385	731.324	731.278	731.882	731.881	---	---	26
27	---	731.336	731.412	731.808	731.805	731.383	731.320	731.278	731.871	731.888	---	---	27
28	---	731.339	731.443	731.811	731.805	731.380	731.311	731.274	731.858	731.859	---	---	28
29	---		731.481	731.884	731.802	731.340	731.309	731.274	731.888	731.884	---	---	29
30	---		731.482	731.887	731.484	731.336	731.312	731.288	731.858	731.885	---	---	30
31	---		731.483		731.801		731.303	731.278		731.884		---	31
MEAN	---	---	731.374	731.808	731.477	731.448	731.365	731.301	731.886	731.726	---	---	MEAN
MAX	---	---	731.483	731.826	731.830	731.817	731.388	731.333	731.897	731.885	---	---	MAX
MIN	---	---	731.336	731.809	731.430	731.336	731.302	731.286	731.288	731.858	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 731.897 ON SEP 21

MAXIMUM INSTANTANEOUS,
731.909 AT 14:08 MST ON JUL 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 44 N
LONG 111 38 22 W

A - MANUAL GAUGE

REGULATED

BERRY CREEK RESERVOIR OUTLET - STATION NO. 08CH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.651	0.276	0.207	0.454	0	0	0	---	1
2	---	---	0	0	0.630	0.270	0.255	0.460	0	0	0	---	2
3	---	---	0	0	0.626	0.259	0.378	0.407	0	0	0	---	3
4	---	---	0	0	0.633	0.245	0.341	0.241	0	0	0A	---	4
5	---	---	0	0	0.389	0.259	0.356	0.218	0	0	---	---	5
6	---	---	0	0	0.109	0.262	0.316	0.236	0	0	---	---	6
7	---	---	0	0	0.101	0.263	0.347	0.424	0	0	---	---	7
8	---	---	0	0	0.102	0.268	0.470	0.426	0	0.154	---	---	8
9	---	---	0	0	0.088	0.255	0.488	0.386	0	0.504	---	---	9
10	---	---	0	0	0.108	0.261	0.505	0.411	0	0.484	---	---	10
11	---	---	0	0	0.303	0.280	0.522	0.414	0	0.478	---	---	11
12	---	---	0	0	0.326	0.289	0.533	0.392	0	0.308	---	---	12
13	---	---	0	0	0.321	0.516	0.504	0.283	0	0.004	---	---	13
14	---	---	0	0	0.316	0.514	0.537	0.083	0	0	---	---	14
15	---	---	0	0	0.326	0.516	0.534	0.209	0	0	---	---	15
16	---	---	0	0	0.332	0.508	0.530	0.230	0	0	---	---	16
17	---	---	0	0	0.313	0.506	0.536	0.288	0	0	---	---	17
18	---	---	0	0	0.306	0.505	0.504	0.508	0	0	---	---	18
19	---	---	0	0	0.319	0.482	0.511	0.495	0	0	---	---	19
20	---	---	0	0	0.309	0.404	0.578	0.087	0	0	---	---	20
21	---	---	0	0	0.301	0.407	0.577	0	0	0	---	---	21
22	---	---	0	0	0.297	0.381	0.582	0	0	0	---	---	22
23	---	---	0	0	0.299	0.207	0.590	0	0	0	---	---	23
24	---	0A	0	0	0.290	0.195	0.580	0	0	0	---	---	24
25	---	0	0	0	0.283	0.139	0.594	0	0	0	---	---	25
26	---	0	0	0	0.280	0.133	0.589	0	0	0	---	---	26
27	---	0	0	0	0.281	0.152	0.557	0	0	0	---	---	27
28	---	0	0	0	0.297	0.167	0.585	0	0	0	---	---	28
29	---		0	0.594	0.293	0.186	0.485	0	0	0	---	---	29
30	---		0	0.838	0.290	0.193	0.445	0	0	0	---	---	30
31	---		0		0.288		0.439	0		0		---	31
TOTAL	---	---	0	1.233	9.816	8.399	17.639	8.860	0	1.932	---	---	TOTAL
MEAN	---	---	0	0.041	0.317	0.310	0.576	0.313	0	0.062	---	---	MEAN
MAX	---	---	0	0.838	0.651	0.516	0.911	0.509	0	0.504	---	---	MAX
MIN	---	---	0	0	0.088	0.139	0.207	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.191
MAXIMUM DAILY, 0.911 ON JUL 19
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.956 AT 19:45 MST ON JUL 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 23 N
LONG 111 37 51 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 540
FEB	---	AUG	588
MAR	0	SEP	0
APR	107	OCT	167
MAY	848	NOV	---
JUN	803	DEC	---

TOTAL DISCHARGE, 4 030 dam³

BIGELOW RESERVOIR NEAR WIMBORNE - STATION NO. 05CE901

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	882.348E	882.391	882.275	882.145	882.088	882.085	882.042	---	---	1
2	---	---	---	882.406A	882.380	882.271	882.140	882.080	882.084	882.039	---	---	2
3	---	---	---	882.467E	882.390	882.266	882.137	882.088	882.087	882.038	---	---	3
4	---	882.340A	---	882.529E	882.385	882.251	882.138	882.087	882.104	882.034	---	---	4
5	---	---	---	882.590E	882.388	882.245	882.135	882.088	882.108	882.032	---	---	5
6	---	---	---	882.651A	882.384	882.242	882.138	882.082	882.112	882.027	---	---	6
7	---	---	---	882.628	882.382	882.239	882.133	882.078	882.114	882.024	---	---	7
8	---	---	---	882.592	882.381	882.231	882.132	882.077	882.114	882.025	---	---	8
9	---	---	---	882.512	882.377	882.226	882.132	882.078	882.114	882.015	---	---	9
10	---	---	---	882.478	882.388	882.222	882.131	882.078	882.111	882.008	---	---	10
11	---	---	---	882.460	882.380	882.218	882.127	882.082	882.109	882.001	---	---	11
12	---	---	---	882.428	882.353	882.212	882.121	882.084	882.108	882.000	---	---	12
13	---	---	---	882.411	882.348	882.205	882.118	882.087	882.107	881.997	---	---	13
14	---	---	---	882.387	882.347	882.199	882.113	882.084	882.103	881.998	---	---	14
15	---	---	---	882.368	882.346	882.193	882.108	882.087	882.099	881.992	---	---	15
16	---	---	---	882.378	882.347	882.192	882.104	882.100	882.096	881.990	---	---	16
17	---	---	---	882.376	882.340	882.183	882.100	882.102	882.092	881.990	---	---	17
18	---	---	---	882.378	882.334	882.180	882.097	882.103	882.089	881.991	---	---	18
19	---	---	---	882.378	882.334	882.188	882.101	882.103	882.084	881.988	---	---	19
20	---	---	---	882.380	882.322	882.185	882.106	882.103	882.081	881.981	---	---	20
21	---	---	---	882.382	882.313	882.185	882.104	882.103	882.078	881.974	---	---	21
22	---	---	---	882.387	882.307	882.182	882.107	882.101	882.077	881.988	---	---	22
23	---	---	---	882.391	882.302	882.178	882.108	882.098	882.074	881.987	---	---	23
24	---	---	---	882.383	882.298	882.171	882.108	882.095	882.071	881.985	---	---	24
25	---	---	---	882.388	882.298	882.183	882.107	882.093	882.087	881.985	---	---	25
26	---	---	---	882.400	882.294	882.187	882.107	882.088	882.085	881.984A	---	---	26
27	---	---	---	882.400	882.290	882.184	882.108	882.085	882.081	881.984E	---	---	27
28	---	---	---	882.398	882.287	882.183	882.104	882.083	882.085	881.983E	---	---	28
29	---		---	882.395	882.285	882.149	882.102	882.084	882.081	881.985A	---	---	29
30	---		---	882.394	882.281	882.148	882.088	882.085	882.047	881.983E	---	---	30
31	---		---		882.278		882.093	882.085		881.981E		---	31
MEAN	---	---	---	882.438	882.338	882.202	882.118	882.090	882.089	881.994	---	---	MEAN
MAX	---	---	---	882.651	882.391	882.275	882.145	882.103	882.114	882.042	---	---	MAX
MIN	---	---	---	882.348	882.278	882.148	882.093	882.078	882.047	881.954	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 882.651A ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 15 N
LONG 113 27 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA, 413 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

BIGKNIFE CREEK NEAR GADSBY - STATION NO. 05PC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.26 B	0.132	0	0	0	0	0	---	---	1
2	---	---	0 B	5.16 B	0.097	0	0	0	0	0	---	---	2
3	---	---	0 B	7.39 B	0.058	0	0	0	0	0	---	---	3
4	---	---	0 B	8.37 B	0.035	0	0	0	0	0	---	---	4
5	---	---	0 B	8.44 B	0.028	0	0	0	0	0	---	---	5
6	---	---	0 B	5.77	0.018	0	0	0	0.531	0	---	---	6
7	---	---	0 B	3.98	0.015	0	0	0	0.581	0	---	---	7
8	---	---	0 B	3.53	0.013	0	0	0	0.159	0	---	---	8
9	---	---	0 B	2.74	0.008	0	0	0	0.038	0	---	---	9
10	---	---	0 B	2.05	0.008	0	0	0	0.018	0	---	---	10
11	---	---	0 B	1.72	0.007	0	0	0	0.018	0	---	---	11
12	---	---	0 B	1.48	0.002	0	0	0	0.013	0	---	---	12
13	---	---	0 B	1.24	0.039	0	0	0	0.009	0	---	---	13
14	---	---	0 B	1.08	0.118	0	0	0	0.008	0	---	---	14
15	---	---	0 B	0.934	0.013	0	0	0	0.001	0	---	---	15
16	---	---	0 B	0.778	0.007	0	0	0	0	0	---	---	16
17	---	---	0 B	0.631	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.498	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.454	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.392	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.712	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.731	0	0	0	0	0	0	---	---	22
23	---	0B	0 B	0.698	0	0	0	0	0	0	---	---	23
24	---	0B	0 B	0.630	0	0	0	0	0	0	---	---	24
25	---	0B	0 B	0.315	0	0	0	0	0	0	---	---	25
26	---	0B	0 B	0.168	0	0	0	0	0	0	---	---	26
27	---	0B	0 B	0.633	0	0	0	0	0	0	---	---	27
28	---	0B	0 B	0.672	0	0	0	0	0	0	---	---	28
29	---		0 B	0.318	0	0	0	0	0	0	---	---	29
30	---		0.040B	0.178	0	0	0	0	0	0	---	---	30
31	---		2.13 B		0		0	0		0		---	31
TOTAL	---	---	2.170	64.678	0.597	0	0	0	1.387	0	---	---	TOTAL
MEAN	---	---	0.070	2.15	0.019	0	0	0	0.046	0	---	---	MEAN
MAX	---	---	2.13	8.44	0.132	0	0	0	0.581	0	---	---	MAX
MIN	---	---	0	0.178	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.381
MAXIMUM DAILY, 8.448 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.58 AT 07:42 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 04 N
LONG 113 21 18 W
DRAINAGE AREA, 233 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	157	SEP	115
APR	5 550	OCT	0
MAY	51.5	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 950 dam³

BIRCH CREEK NEAR CONKLIN - STATION NO. 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2908	0.1588	1.05	0.887	0.447	0.272	0.286	0.324	0.2898	---	1
2	---	---	0.2858	0.2108	1.08	1.05	0.428	0.276	0.336	0.311	0.2538	---	2
3	---	---	0.2808	0.2688	1.04	1.24	0.385	0.283	0.287	0.332	0.2478	---	3
4	---	---	0.2718	0.3378	0.984	1.22	0.354	0.285	0.300	0.310	0.2248	---	4
5	---	---	0.2528	0.3638	0.895	1.14	0.339	0.273	0.299	0.317	0.1998	---	5
6	---	---	0.2408	0.3808	0.831	1.19	0.420	0.284	0.292	0.307	---	---	6
7	---	---	0.2088	0.4788	0.882	1.82	0.534	0.282	0.282	0.289	---	---	7
8	---	---	0.1888	0.5888	0.825	1.63	0.476	0.281	0.271	0.280	---	---	8
9	---	---	0.1948	0.6858	0.769	1.37	0.447	0.280	0.283	0.277	---	---	9
10	---	---	0.1928	0.6868	0.758	1.28	0.410	0.300	0.320	0.281	---	---	10
11	---	---	0.1818	0.7138	0.735	1.23	0.388	0.442	0.318	0.288	---	---	11
12	---	---	0.1858	0.6858	0.708	1.10	0.332	0.408	0.302	0.294	---	---	12
13	---	---	0.1888	0.6188	0.672	0.863	0.322	0.381	0.282	0.286	---	---	13
14	---	---	0.2158	0.6828	0.653	0.812	0.334	0.341	0.286	0.284	---	---	14
15	---	---	0.2248	0.6798	0.691	0.845	0.338	0.328	0.289	0.280	---	---	15
16	---	---	0.2188	0.7488	0.658	0.758	0.328	0.328	0.289	0.282	---	---	16
17	---	---	0.2338	0.7878	0.625	0.698	0.330	0.342	0.304	0.281	---	---	17
18	---	---	0.2388	0.7278	0.643	0.627	0.316	0.374	0.297	0.280	---	---	18
19	---	---	0.2308	0.7868	0.645	0.663	0.288	0.328	0.289	0.285	---	---	19
20	---	---	0.2438	0.7288	0.738	0.803	0.321	0.338	0.288	0.2788	---	---	20
21	---	---	0.2388	0.7628	0.777	0.473	0.313	0.318	0.284	0.2788	---	---	21
22	---	---	0.2328	0.8158	0.788	0.453	0.298	0.338	0.288	0.2788	---	---	22
23	---	---	0.2368	0.8228	0.740	0.438	0.286	0.310	0.293	0.2798	---	---	23
24	---	---	0.2158	0.8908	0.701	0.485	0.287	0.289	0.287	0.2678	---	---	24
25	---	---	0.2338	1.18 B	0.670	0.467	0.280	0.302	0.282	0.2948	---	---	25
26	---	---	0.2268	1.28 B	0.707	0.437	0.278	0.336	0.328	0.2818	---	---	26
27	---	---	0.1258	1.32	0.667	0.400	0.288	0.310	0.318	0.3088	---	---	27
28	---	---	0.1488	1.27	0.880	0.378	0.331	0.311	0.312	0.3088	---	---	28
29	---		0.1418	1.18	0.899	0.388	0.314	0.289	0.323	0.3068	---	---	29
30	---		0.1398	1.12	1.04	0.387	0.282	0.288	0.333	0.3058	---	---	30
31	---		0.1808		1.06		0.278	0.281		0.2938		---	31
TOTAL	---	---	8.845	22.645	24.183	24.989	10.741	9.712	9.039	9.096	---	---	TOTAL
MEAN	---	---	0.314	0.735	0.780	0.833	0.348	0.313	0.301	0.293	---	---	MEAN
MAX	---	---	0.280	1.32	1.08	1.83	0.534	0.442	0.338	0.332	---	---	MAX
MIN	---	---	0.135	0.159	0.525	0.368	0.288	0.280	0.271	0.278	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.475
MAXIMUM DAILY, 1.83 ON JUN 8
MINIMUM DAILY, 0.1258 ON MAR 27
MAXIMUM INSTANTANEOUS,
1.808 AT 13:16 MST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 37 07 N
LONG 111 05 09 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	928
FEB	---	AUG	839
MAR	574	SEP	781
APR	1 900	OCT	786
MAY	2 050	NOV	---
JUN	2 160	DEC	---

TOTAL DISCHARGE, 10 100 dam³

BIRCH RIVER BELOW ALICE CREEK - STATION NO. 07KE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 278	1 448	1.02 B	1.888	180	42.8	38.5	93.7	43.6	14.0	40.8	---	1
2	2.288	1.418	1.01 B	1.918	175	48.8	36.8	207	41.1	13.7	43.5	---	2
3	2.258	1.378	0.9808	1.888	170	88.4	35.2	214	40.2	12.8	44.2	---	3
4	2.248	1.348	0.8688	1.888	164	80.1	34.1	207	38.8	11.8	41.8A	---	4
5	2 248	1 318	0.8728	1.888	156	112 A	33.1	211	36.4	11.7	---	---	5
6	2.178	1 308	1.02 B	1.858	148	130 A	31.1	218	34.3	11.0	---	---	6
7	2 148	1.278	1.11 B	1.808	138	141 A	29.0	215	32.9	11.7	---	---	7
8	2.088	1.268	1.14 B	1.808	128	146 A	27.3	205	32.7	13.4	---	---	8
9	2 038	1.238	1.20 B	1.838	118	149 A	25.1	190	31.8	14.9	---	---	9
10	1.888	1.208	1.25 B	1.828	108	148 A	22.8	189	31.4	17.3	---	---	10
11	1.988	1.188	1.36 B	1.888	98.6	145 E	20.1	153	31.4	18.2	---	---	11
12	1.878	1.188	1.36 B	2.088	93.2	142 E	17.9	142	30.5	20.4	---	---	12
13	1.888	1.138	1.34 B	2.358	91.2	135 E	16.2	132	28.9	23.7	---	---	13
14	1.848	1.138	1.35 B	2.708	92.2	124 E	14.7	122	27.2	27.2	---	---	14
15	1.878	1.188	1.34 B	4.848	94.4	113 E	13.8	111	25.9	26.2	---	---	15
16	1.808	1.178	1.33 B	8.268	98.5	103 A	15.3	98.6	24.6	25.7	---	---	16
17	1.788	1.188	1 33 B	20 6 B	101	89 B	20.7	80.8	24.4	31.4	---	---	17
18	1.738	1.188	1.33 B	35 7 B	101	76.8	26.8	81.6	23 9	34 1	---	---	18
19	1 718	1.188	1 33 B	58 1 B	98 1	85.7	26.6	74.4	22.8	35.2	---	---	19
20	1.788	1.188	1.33 B	88.0 B	94.5	58.8	29.2	67.9	22.8	34.6	---	---	20
21	1.788	1.178	1.30 B	138 B	89.4	60.3	28.4	62.1	21.1	35.0	---	---	21
22	1.748	1.188	1.32 B	183	83.6	48.8	26.6	58.6	21.8	38.9	---	---	22
23	1.718	1.118	1.35 B	186	77.3	47.0	24.2	52.1	21.5	36.8	---	---	23
24	1.688	1.088	1.38 B	188	71.4	46.0	21.4	50.2	20.5	35.5	---	---	24
25	1.648	1.088	1.45 B	185	84.7	51.1	18.8	51.4	20.2	36.8	---	---	25
26	1.838	1.088	1.52 B	186	58.2	51.8	17.5	51.7	18.8	35.8	---	---	26
27	1.878	1.088	1.57 B	189	55.2	50.4	19.3	48.9	17.7	34.3	---	---	27
28	1.888	1.088	1 83 B	182	51.4	48.6	18.8	46.5	16.8	34.0	---	---	28
29	1.528		1.71 B	180	48.0	46.0	20.8	46.0	16.1	36.8	---	---	29
30	1.488		1.73 B	167	45.2	42.8	28.8	47.3	16.3	38.8	---	---	30
31	1.478		1.81 B		43.2		32.2	45.7		38.8		---	31
TOTAL	57.88	33.45	38 910	2 071.53	3 138.3	2 611.6	774.5	3 869.5	815.4	814.0	---	---	TOTAL
MEAN	1 87	1.19	1 25	69 1	101	87 1	25.0	115	27.2	26.3	---	---	MEAN
MAX	2.27	1.44	1.81	188	180	149	38.5	218	43.6	39.8	---	---	MAX
MIN	1.47	1.08	0.872	1.82	43.2	42.8	13.8	45.5	16.3	11.8	---	---	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 218 ON AUG 8

MAXIMUM INSTANTANEOUS,
218 AT 14:54 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 18 40 N
LONG 113 04 05 W
DRAINAGE AREA, 9 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 000	JUL	88 500
FEB	3 250	AUG	304 000
MAR	3 450	SEP	70 500
APR	170 000	OCT	70 300
MAY	271 000	NOV	---
JUN	235 000	DEC	---

BLACKMUD CREEK NEAR ELLERSLIE - STATION NO. 05DF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.87 B	0.566	0.076	0.026	0.826	0.046	0.112	0.062	---	1
2	---	---	0 B	1.85 B	0.529	0.026	0.016	1.61	0.096	0.248	0.054	---	2
3	---	---	0 B	1.96 B	0.480	0.018	0.011	1.09	3.05	0.223	0.036	---	3
4	---	---	0 B	2.60 B	0.433	0.026	0.005	0.358	1.84	0.156	0.027A	---	4
5	---	---	0 B	2.63	0.403	0.026	0.004	3.78	0.672	0.113	---	---	5
6	---	---	0 B	2.98	0.336	0.033	0.007	2.28	0.378	0.086	---	---	6
7	---	---	0 B	3.67	0.306	0.143	0.008	0.444	0.058	0.092	---	---	7
8	---	---	0 B	3.48	0.238	0.088	0.010	0.056	0.023	0.087	---	---	8
9	---	---	0 B	3.84	0.287	0.041	0.014	0.006	0.010	0.053	---	---	9
10	---	---	0 B	3.47	0.342	0.021	0.028	0.001	0.009	0.073	---	---	10
11	---	---	0 B	3.31	0.188	0.018	0.059	0.012	0.007	0.052	---	---	11
12	---	---	0 B	3.38	0.198	0.013	0.050	0.038	0.006	0.050	---	---	12
13	---	---	0 B	3.18	0.137	0.013	0.042	0.012	0.0018	0.047	---	---	13
14	---	---	0 B	2.98	0.182	0.011	0.033	0.0018	0.0018	0.038	---	---	14
15	---	---	0 B	2.77	0.138	0.008	0.030	0.0018	0.0018	0.048	---	---	15
16	---	---	0 B	2.48	0.118	0.021	0.028	0.0018	0.0018	0.046	---	---	16
17	---	---	0 B	2.19	0.109	0.018	0.028	0.0018	0.029	0.043	---	---	17
18	---	---	0 B	1.84	0.138	0.002	0.028	0.005	0.018	0.188	---	---	18
19	---	---	0 B	1.87	0.838	0.004	0.067	0.034	0.001	0.128	---	---	19
20	---	---	0 B	1.87	1.74	0.004	0.378	0.084	0.022	0.087	---	---	20
21	---	---	0 B	1.38	1.44	0.008	0.185	0.051	0.035	0.070	---	---	21
22	---	---	0 B	1.17	0.744	0.011	0.073	0.044	0.047	0.081	---	---	22
23	---	---	0 B	1.10	0.527	0.012	0.051	0.034	0.047	0.084	---	---	23
24	---	0B	0.070B	0.888	0.422	0.012	0.113	0.031	0.057	0.080	---	---	24
25	---	0B	0.170B	0.882	0.383	0.017	0.083	0.028	0.078	0.051	---	---	25
26	---	0B	0.322B	0.805	0.311	0.022	0.048	0.024	0.048	0.092	---	---	26
27	---	0B	0.381B	0.747	0.241	0.028	0.038	0.028	0.087	0.118	---	---	27
28	---	0B	0.298B	0.855	0.180	0.038	0.028	0.036	0.080	0.100	---	---	28
29	---		0.209B	0.803	0.109	0.032	0.018	0.032	0.082	0.111	---	---	29
30	---		0.617B	0.587	0.108	0.034	0.018	0.034	0.102	0.088	---	---	30
31	---		2.80 B		0.107		0.048	0.035		0.083		---	31
TOTAL	---	---	4.881	83.607	12.380	0.835	1.493	11.180	8.832	2.827	---	---	TOTAL
MEAN	---	---	0.157	2.12	0.399	0.028	0.048	0.360	0.231	0.091	---	---	MEAN
MAX	---	---	2.80	3.84	1.74	0.143	0.335	3.78	3.05	0.248	---	---	MAX
MIN	---	---	0	0.587	0.107	0.002	0.004	0.001	0.001	0.038	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.425
MAXIMUM DAILY, 3.84 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.98 AT 13:28 MST ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 50 N
LONG 113 30 58 W
DRAINAGE AREA, 843 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	129
FEB	---	AUG	984
MAR	420	SEP	599
APR	5 500	OCT	244
MAY	1 070	NOV	---
JUN	73.1	DEC	---

TOTAL DISCHARGE, 9 000 dam³

ELINGHAM RIVER NEAR BLACKFALDS - STATION NO. 05CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.330B	0.470B	0.470B	14.5 B	1.35	1.16	0.303	0.931	0.949	0.255	0.635	0.310	1
2	0.330B	0.470B	0.500B	17.0 B	1.54	1.12	0.262	0.689	1.29	0.242	0.643	0.307	2
3	0.330B	0.470B	0.540B	26.0 B	1.85	1.02	0.232	1.16	1.82	0.254	0.650	0.293	3
4	0.330B	0.470B	0.850B	22.8 B	1.63	1.05	0.228	2.31	1.36	0.354	0.855	0.273	4
5	0.330B	0.470B	0.850B	20.1 B	1.56	1.06	0.231	3.81	1.35	0.315	0.761	0.264	5
6	0.330B	0.480B	0.850B	17.7 B	2.12	0.905	0.256	3.34	2.29	0.344	0.764	0.247	6
7	0.330B	0.480B	0.850B	15.2 B	2.00	0.784	0.266	3.66	2.01	0.388	0.772	0.237	7
8	0.330B	0.480B	0.670B	12.6 B	1.88	0.637	0.294	3.36	1.71	0.337	0.691	0.240	8
9	0.360B	0.480B	0.830B	11.0 B	1.55	0.558	0.226	3.81	1.82	0.458	0.781	0.233	9
10	0.380B	0.480B	0.880B	9.30B	1.38	0.520	0.283	2.95	1.34	0.562	0.701	0.220	10
11	0.410B	0.480B	0.890B	7.60B	1.23	0.497	0.285	2.33	1.11	0.480	0.680	0.205	11
12	0.420B	0.480B	0.700B	5.78	1.36	0.486	0.258	4.15	0.889	0.517	0.728	0.193	12
13	0.420B	0.480B	0.880B	5.35	1.42	0.358	0.282	5.84	0.713	0.516	0.749	0.192	13
14	0.420B	0.480B	0.880B	4.77	1.36	0.288	0.348	5.47	0.656	0.492	0.684	0.189	14
15	0.420B	0.480B	0.880B	3.80	1.23	0.243	0.488	4.70	0.581	0.437	0.601	0.2208	15
16	0.430B	0.440B	0.880B	3.08	1.20	0.345	0.837	4.30	0.491	0.438	0.637	0.2578	16
17	0.430B	0.440B	0.870B	2.88	1.18	0.441	0.408	3.88	0.438	0.480	0.6308	0.2588	17
18	0.430B	0.440B	0.870B	2.67	1.18	0.486	0.337	3.13	0.518	0.455	0.525	0.2568	18
19	0.430B	0.440B	0.860B	2.38	1.18	0.847	0.383	2.71	0.438	0.491	0.488	0.2558	19
20	0.430B	0.440B	0.880B	2.38	1.08	0.804	0.432	2.86	0.383	0.587	0.478	0.2848	20
21	0.480B	0.440B	0.880B	2.38	1.06	0.670	0.491	2.40	0.348	0.581	0.462	0.3638	21
22	0.490B	0.440B	0.880B	2.32	1.22	0.502	0.484	2.83	0.312	0.513	0.488	0.2928	22
23	0.490B	0.440B	0.840B	2.02	2.09	0.408	0.884	2.28	0.328	0.784	0.497	0.2628	23
24	0.480B	0.440B	0.840B	1.88	2.93	0.405	1.58	2.03	0.284	0.758	0.447	0.2818	24
25	0.480B	0.440B	0.830B	1.73	2.81	0.328	2.58	1.88	0.303	0.740	0.462	0.2508	25
26	0.470B	0.480B	0.830B	1.88	2.81	0.308	2.84	1.48	0.382	0.723	0.4858	0.2068	26
27	0.470B	0.480B	0.880B	1.47	2.38	0.287	2.28	1.31	0.384	0.658	0.404	0.1628	27
28	0.470B	0.480B	0.800B	1.38	2.00	0.448	1.81	1.13	0.313	0.632	0.385	0.1148	28
29	0.470B		1.00 B	1.40	2.04	0.458	1.43	1.20	0.383	0.687	0.357	0.0748	29
30	0.470B		8.00 B	1.37	1.81	0.380	1.19	0.888	0.318	0.780	0.338	0.0308	30
31	0.470B		13.0 B		1.38		1.08	1.13		0.807		0.0308	31
TOTAL	12.880	12.850	38.380	232.80	51.10	17.813	22.748	61.858	24.827	15.178	17.887	6.782	TOTAL
MEAN	0.408	0.452	1.23	7.43	1.85	0.584	0.734	2.83	0.828	0.522	0.587	0.218	MEAN
MAX	0.470	0.470	13.0	26.0	2.93	1.16	2.84	5.84	2.29	0.807	0.855	0.310	MAX
MIN	0.330	0.440	0.470	1.37	1.06	0.243	0.226	0.888	0.284	0.242	0.338	0.030	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 26.0B ON APR 3
MINIMUM DAILY, 0.030B ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 14 N
LONG 113 47 35 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130	JUL	1 970
FEB	1 080	AUG	7 080
MAR	3 300	SEP	2 150
APR	19 300	OCT	1 400
MAY	4 420	NOV	1 550
JUN	1 610	DEC	587

TOTAL DISCHARGE, 45 400 dam³

BLINDMAN RIVER NEAR BLUFFTON - STATION NO. 08CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.044B	4.17 B	0.405	0.480E	0.110E	0.985	0.405	0.085	0.088E	---	1
2	---	---	0.043B	8.73 B	0.444	0.435E	0.105E	1.21	0.300	0.078	0.094	---	2
3	---	---	0.042B	10.4 B	0.444	0.375E	0.100E	2.22	0.373	0.075	---	---	3
4	---	---	0.042B	7.75 B	0.405	0.390E	0.090E	1.42	0.723	0.083	---	---	4
5	---	---	0.040B	5.20 B	0.405	0.410E	0.084	2.22	0.405	0.102	---	---	5
6	---	---	0.040B	3.82 B	0.405	0.435E	0.084	1.82	0.226	0.111	---	---	6
7	---	---	0.040B	4.55 B	0.405	0.480E	0.075	1.43	0.193	0.158	---	---	7
8	---	---	0.042B	3.82 B	0.405	0.445E	0.093	1.05	0.102	0.158	---	---	8
9	---	---	0.043B	2.48 B	0.444	0.440E	0.111	0.885	0.075	0.102	---	---	9
10	---	---	0.043B	2.78 B	0.480E	0.435E	0.120	3.14	0.086	0.102	---	---	10
11	---	---	0.044B	1.86	0.440E	0.480E	0.111	3.48	0.048	0.093	---	---	11
12	---	---	0.045B	1.86	0.435E	0.470E	0.158	3.86	0.048	0.102	---	---	12
13	---	---	0.047B	1.56	0.420E	0.500E	0.120	2.49	0.075	0.111	---	---	13
14	---	---	0.048B	1.29	0.425E	0.380E	0.120	2.09	0.088	0.111	---	---	14
15	---	---	0.050B	1.13	0.430E	0.275E	0.120	1.82	0.084	0.158	---	---	15
16	---	---	0.053B	1.21	0.435E	0.200E	0.158	1.42	0.102	0.284	---	---	16
17	---	---	0.055B	1.13	0.440E	0.080E	0.155	1.29	0.093	0.111	---	---	17
18	---	---	0.057B	1.13	0.480E	0.080E	0.192	1.13	0.111	0.120	---	---	18
19	---	---	0.060B	1.05	0.490E	0.085E	0.225	1.13	0.102	0.084	---	---	19
20	---	---	0.062B	0.885	0.550E	0.070E	0.284	1.29	0.155	0.084	---	---	20
21	---	---	0.064B	0.885	0.580E	0.075E	0.300	1.13	0.093	0.111	---	---	21
22	---	---	0.073B	0.804	0.750E	0.085	0.804	0.406	0.120	0.102	---	---	22
23	---	---	0.075	0.723	0.980E	0.120E	1.55	0.804	0.120	0.102	---	---	23
24	---	---	0.080B	0.642	0.880E	0.175E	0.966	0.723	0.111	0.102	---	---	24
25	---	---	0.408B	0.561	0.800E	0.170E	0.642	0.480	0.102	0.102	---	---	25
26	---	0.045B	0.444B	0.480	0.740E	0.180E	0.480	0.406	0.102	0.102	---	---	26
27	---	0.047B	1.13 B	0.444	0.850E	0.150E	0.480	0.335	0.084	0.102	---	---	27
28	---	0.045B	1.05 B	0.372	0.540	0.140E	0.444	0.581	0.075	0.102	---	---	28
29	---		2.49 B	0.372	0.470E	0.135E	0.444	0.300	0.075	0.102	---	---	29
30	---		4.00 B	0.338	0.420E	0.125E	0.406	0.444	0.075	0.102	---	---	30
31	---		5.41 B		0.440E		0.804	0.480		0.102		---	31
TOTAL	---	---	18.174	71.834	18.085	8.153	9.827	42.218	4.718	3.405	---	---	TOTAL
MEAN	---	---	0.522	2.39	0.519	0.272	0.320	1.36	0.157	0.110	---	---	MEAN
MAX	---	---	5.41	10.4	0.980	0.500	1.55	3.86	0.723	0.284	---	---	MAX
MIN	---	---	0.040	0.338	0.405	0.080	0.075	0.300	0.048	0.084	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.703
MAXIMUM DAILY, 10.4B ON APR 2
MINIMUM DAILY, 0.040B ON MAR 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 45 22 N
LONG 114 17 03 W
DRAINAGE AREA, 382 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	858
FEB	---	AUG	3 650
MAR	1 400	SEP	407
APR	6 190	OCT	294
MAY	1 380	NOV	---
JUN	704	DEC	---

TOTAL DISCHARGE, 14 900 dam³

BLOOD INDIAN CREEK NEAR CABIN LAKE - STATION NO. 08CK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.004	0	0	0.811	0	0	0	0	---	1
2	---	---	0 B	0.001	0	0	0.318	0	0	0	0	---	2
3	---	---	0 B	0.001	0	0	0.212	0	0	0	0A	---	3
4	---	---	0 B	0	0	0	0.473	0	0	0	---	---	4
5	---	---	0 B	0	0	0	1.80	0	0	0	---	---	5
6	---	---	0 B	0	0	0	1.17	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0.130	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0.081	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0.025	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0.018	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0.011	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0.007	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0.004	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0.001	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0B	0.004B	0	0	0	0	0	0	0	---	---	19
20	---	0B	0.003B	0	0	0	0	0	0	0	---	---	20
21	---	0B	0 B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.004B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.008B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.001B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0 B	0	0	0	0	0	0	0	---	---	28
29	---		0 B	0	0	0	0	0	0	0	---	---	29
30	---		E B	0	0	0.530	0	0	0	0	---	---	30
31	---		0.003		0		0	0		0		---	31
TOTAL	---	---	0.022	0.008	0	0.530	4.539	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0.018	0.146	0	0	0	---	---	MEAN
MAX	---	---	0.008	0.004	0	0.530	1.80	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 1.80 ON JUL 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.75 AT 10:48 MST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 44 N
LONG 111 14 19 W
DRAINAGE AREA, 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	392
FEB	---	AUG	0
MAR	1.80	SEP	0
APR	0.53	OCT	0
MAY	0	NOV	---
JUN	45 B	DEC	---

TOTAL DISCHARGE, 440 dam³

BLOOD INDIAN CREEK NEAR THE MOUTH - STATION NO. 05CK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008	0.008	0.008	0.004	0.004	0.008	0.008	0.008	0.008	---	1
2	---	---	0.008	0.008	0.008	0.003A	0.004	0.008	0.008	0.008	0.008	---	2
3	---	---	0.007	0.008	0.008	0.003E	0.004	0.008	0.013	0.008	0.008	---	3
4	---	---	0.008	0.008	0.007	0.003E	0.007	0.008	0.008	0.007	0.008A	---	4
5	---	---	0.007	0.008	0.007	0.003E	0.008	0.007	0.007	0.007	---	---	5
6	---	---	0.008	0.010	0.008	0.003E	0.006	0.008	0.008	0.007	---	---	6
7	---	---	0.008	0.010	0.008	0.003E	0.008	0.008	0.007	0.007	---	---	7
8	---	---	0.007	0.010	0.008	0.003E	0.008	0.008	0.007	0.007	---	---	8
9	---	---	0.008	0.010	0.008	0.003E	0.008	0.010	0.007	0.007	---	---	9
10	---	---	0.007	0.008	0.008	0.003E	0.008	0.013	0.008	0.007	---	---	10
11	---	---	0.008	0.008	0.008	0.003E	0.006	0.013	0.008	0.007	---	---	11
12	---	---	0.008	0.008	0.008	0.003E	0.006	0.012	0.008	0.007	---	---	12
13	---	---	0.008	0.010	0.008	0.003E	0.006	0.012	0.007	0.007	---	---	13
14	---	---	0.008	0.008A	0.008	0.004E	0.006	0.014	0.007	0.007	---	---	14
15	---	---	0.007	0.008E	0.008	0.004E	0.006	0.015	0.007	0.007	---	---	15
16	---	---	0.007	0.008E	0.008	0.004E	0.008	0.014	0.007	0.007	---	---	16
17	---	---	0.008	0.008E	0.008	0.004A	0.006	0.012	0.008	0.007	---	---	17
18	---	---	0.008	0.008E	0.004	0.004	0.007	0.012	0.007	0.007	---	---	18
19	---	---	0.008	0.008E	0.004	0.004	0.010	0.012	0.008	0.007	---	---	19
20	---	---	0.008	0.008E	0.004	0.004	0.007	0.012	0.007	0.007	---	---	20
21	---	---	0.008	0.008E	0.004	0.004	0.007	0.011	0.007	0.007	---	---	21
22	---	0.008A	0.007	0.008A	0.004	0.003	0.007	0.011	0.007	0.008	---	---	22
23	---	0.008	0.007	0.008	0.008	0.004	0.007	0.011	0.007	0.008	---	---	23
24	---	0.008	0.007	0.008	0.004	0.002	0.008	0.010	0.007	0.008	---	---	24
25	---	0.008	0.007	0.007	0.008	0.003	0.008	0.011	0.007	0.008	---	---	25
26	---	0.007	0.007	0.007	0.008	0.003	0.008	0.011	0.007	0.008	---	---	26
27	---	0.008	0.007	0.008	0.008	0.004	0.007	0.010	0.007	0.007	---	---	27
28	---	0.008	0.008	0.008	0.004	0.004	0.008	0.010	0.007	0.007	---	---	28
29	---		0.008	0.008	0.004	0.004	0.008	0.011	0.007	0.007	---	---	29
30	---		0.007	0.007	0.008	0.004	0.008	0.008	0.008	0.007	---	---	30
31	---		0.007		0.004		0.008	0.010		0.008		---	31
TOTAL	---	---	0.233	0.258	0.180	0.103	0.198	0.331	0.217	0.226	---	---	TOTAL
MEAN	---	---	0.007	0.008	0.008	0.003	0.008	0.011	0.007%	0.007	---	---	MEAN
MAX	---	---	0.008	0.010	0.008	0.004	0.010	0.015	0.013	0.008	---	---	MAX
MIN	---	---	0.005	0.008	0.004	0.002	0.004	0.007	0.008	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.015 ON AUG 15
MINIMUM DAILY, 0.002 ON JUN 24
MAXIMUM INSTANTANEOUS,
0.016 AT 01:31 MST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 28 N
LONG 111 03 30 W
DRAINAGE AREA, 695 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	17.1
FEB	---	AUG	26.8
MAR	18.3	SEP	18.7
APR	22.1	OCT	18.5
MAY	13.8	NOV	---
JUN	8.90	DEC	---

TOTAL DISCHARGE, 148 dam³

BOUNTIFUL COULEE INFLOW NEAR CRANFORD - STATION NO. 05AG026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.356	0.457	0.262	0.278	0.200	0.283	0E	---	1
2	---	---	---	---	0.331	0.384	0.337	0.283	0.180	0.317	0E	---	2
3	---	---	---	---	0.348	0.381	0.485	0.302	0.203	0.358	0E	---	3
4	---	---	---	---	0.306	0.260	0.302	0.238	0.206	0.387	0A	---	4
5	---	---	---	---	0.189	0.238	0.288	0.260	0.208	0.431	---	---	5
6	---	---	---	---	0.198	0.261	0.200	0.261	0.197	0.487	---	---	6
7	---	---	---	---	0.181	0.436	0.251	0.251	0.186	0.367	---	---	7
8	---	---	---	---	0.182	0.402	0.200	0.220	0.167	0.148	---	---	8
9	---	---	---	---	0.386	0.393	0.180	0.247	0.133	0.110	---	---	9
10	---	---	---	---	0.292	0.387	0.212	0.288	0.124	0.083	---	---	10
11	---	---	---	---	0.331	0.423	0.178	0.235	0.184	0.038	---	---	11
12	---	---	---	---	0.405	0.378	0.178	0.245	0.141	0.010E	---	---	12
13	---	---	---	---	0.339	0.453	0.198	0.264	0.148	0.008E	---	---	13
14	---	---	---	---	0.388	0.386	0.217	0.247	0.148	0.003E	---	---	14
15	---	---	---	---	0.367	0.332	0.173	0.234	0.387	0.001E	---	---	15
16	---	---	---	---	0.335	0.268	0.280	0.274	0.388	0.001E	---	---	16
17	---	---	---	---	0.388	0.221	0.219	0.238	0.278	0.001E	---	---	17
18	---	---	---	---	0.430	0.304	0.291	0.234	0.143	0.001E	---	---	18
19	---	---	---	---	0.467	0.447	0.582	0.188	0.188	0.001E	---	---	19
20	---	---	---	---	0.481	0.326	0.388	0.151	0.142	0.001A	---	---	20
21	---	---	---	---	0.470	0.384	0.180	0.148	0.148	0.001	---	---	21
22	---	---	---	---	0.484	0.380	0.200	0.191	0.127	0.001	---	---	22
23	---	---	---	---	0.288	0.283	0.218	0.218	0.144	0.001	---	---	23
24	---	---	---	0.003A	0.384	0.380	0.218	0.232	0.188	0.001	---	---	24
25	---	---	---	0.003E	0.332	0.480	0.218	0.231	0.170	0.001	---	---	25
26	---	---	---	0.001E	0.415	0.486	0.232	0.324	0.341	0.001	---	---	26
27	---	---	---	0.001A	0.370	0.378	0.238	0.231	0.280	0.001	---	---	27
28	---	---	---	0.001	0.403	0.318	0.230	0.218	0.253	0.001A	---	---	28
29	---		---	0.003	0.473	0.321	0.193	0.213	0.188	0.001E	---	---	29
30	---		---	0.318	0.372	0.300	0.171	0.210	0.177	0.001E	---	---	30
31	---		---		0.342		0.213	0.211		0.001E		---	31
TOTAL	---	---	---	---	10.118	10.983	7.882	7.078	5.887	3.054	---	---	TOTAL
MEAN	---	---	---	---	0.326	0.366	0.248	0.228	0.196	0.098	---	---	MEAN
MAX	---	---	---	---	0.473	0.486	0.582	0.278	0.388	0.487	---	---	MAX
MIN	---	---	---	---	0.181	0.221	0.171	0.148	0.124	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.262
MAXIMUM DAILY, 0.582 ON JUL 19
MINIMUM DAILY, 0.001E ON OCT 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 05 N
LONG 112 16 55 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	685
FEB	---	AUG	611
MAR	---	SEP	507
APR	---	OCT	284
MAY	674	NOV	---
JUN	823	DEC	---

TOTAL DISCHARGE, 3 640 dam³

BOW RIVER AT BANFF - STATION NO. 05BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.888	8.828	7.888	8.78	36.7	71.2	77.8	82.8	38.4	23.8	14.0	7.088	1
2	10.7 B	8.878	7.888	8.88	56.7	81.3	81.8	73.4	40.8	23.7	14.2	8.188	2
3	11.8 B	8.848	8.048	9.18	48.3	88.1	87.1	64.7	43.7	23.8	14.2	8.888	3
4	11.8 B	8.348	8.188	9.83	42.0	87.8	82.8	80.8	40.7	23.8	14.2	8.488	4
5	11.2 B	8.828	8.278	10.1	38.4	78.7	104	80.8	38.8	23.8	13.8	8.858	5
6	9.488	8.418	8.888	10.2	42.0	114	108	88.8	38.8	21.8	13.8	8.898	6
7	8.858	8.318	8.718	10.4	88.8	112	81.8	88.4	37.8	21.1	13.8	8.228	7
8	8.778	8.828	8.818	10.4	78.7	110	88.8	88.4	38.8	20.8	12.8	10.3 B	8
9	10.1 B	8.888	8.868	10.8	113	100	78.7	87.3	38.2	20.8	12.8	8.438	9
10	9.488	8.138	8.128	8.74	108	83.4	78.1	81.8	38.3	18.1	12.4	8.888	10
11	10.8 B	8.848	8.87	8.72	88.8	102	88.8	82.3	34.8	18.8	12.3	8.838	11
12	11.2 B	8.288	8.14	8.82	118	88.8	83.2	84.1	34.8	18.4	12.1	8.228	12
13	11.1 B	7.888	8.22	8.38	128	108	81.1	82.7	34.8	17.8	12.8 E	8.478	13
14	11.8 B	8.888	8.18	8.31	101	118	82.3	48.8	38.1	17.3A	11.8 E	7.488	14
15	8.838	8.388	8.88	8.88	88.8	117	88.7	48.8	38.8	17.1A	11.7 E	7.888	15
16	8.988	8.888	8.88	10.8	88.8	128 A	84.7	48.8	34.2	18.7E	11.8 A	7.488	16
17	8.888	8.488	8.81	10.3	77.4	148 A	88.8	43.8	31.4	18.3E	8.888	7.888	17
18	10.2 B	8.188	8.82	10.3	78.3	124 A	88.4	40.8	28.8	18.8E	8.618	8.288	18
19	10.2 B	8.288	8.88	10.3	77.4	108 A	82.8	38.1	28.8	18.8E	8.288	8.538	19
20	8.888	8.888	8.88	8.88	88.4	107	84.8	42.3	28.8	18.18	8.358	8.788	20
21	8.878	8.808	8.88	8.88	88.8	121	82.8	43.8	28.8	14.7E	8.888	8.858	21
22	8.888	8.488	8.83	8.88	82.8	118	84.4	40.8	28.4	14.3A	8.708	8.848	22
23	8.848	8.188	8.88	8.88	88.8	101	81.1	38.7	28.8	14.3	8.288	8.848	23
24	8.448	7.728	8.88	10.2	88.8	84.8	88.8	38.7	27.8	14.8	7.888	8.888	24
25	8.718	7.218	8.88	10.3	88.8	73.8	88.8	38.8	27.8	14.8	7.288	8.128	25
26	8.638	8.888	8.78	10.4	88.4	78.1	73.8	37.8	28.3	14.8	8.858	8.348	26
27	8.808	7.888	8.82	11.8	88.4	73.8	71.8	37.2	28.4	14.1	8.858	8.448	27
28	8.848	7.838	7.72	12.3	88.8	78.4	73.8	37.8	27.1	14.8	8.488	8.448	28
29	8.588		8.18	18.8	81.8	78.4	73.8	37.8	28.8	14.8	8.288	8.588	29
30	8.588		8.73	28.4	88.8	77.4	78.8	37.7	24.3	14.1	8.198	8.488	30
31	8.588		8.83		88.8		77.4	38.8		14.8		7.928	31
TOTAL	308.18	238.41	288.11	321.82	2 208.1	2 882.8	2 237.8	1 837.4	978.8	848.8	314.32	288.82	TOTAL
MEAN	8.84	8.81	8.88	18.7	71.3	88.1	72.2	48.8	32.8	17.8	18.8	8.88	MEAN
MAX	11.8	8.83	8.32	28.4	128	148	108	82.8	43.7	23.8	14.2	18.4	MAX
MIN	8.88	8.88	7.88	8.78	38.7	88.1	82.8	38.8	24.3	14.8	8.18	7.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 148A ON JUN 17
MINIMUM DAILY, 8.188 ON NOV 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 30 N
LONG 115 34 10 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 600	JUL	193 000
FEB	20 600	AUG	133 000
MAR	23 300	SEP	84 500
APR	27 600	OCT	47 200
MAY	191 000	NOV	27 200
JUN	248 000	DEC	23 300

TOTAL DISCHARGE, 1 050 000 dam³

BOW RIVER AT CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.08	82.08	37.08	48.1	88.1	124	108	87.8	58.8	54.3	48.8	50.8	1
2	78.08	88.08	40.08	48.8	72.3	128	108	88.4	81.2	54.3	48.8	48.8	2
3	72.08	88.08	50.08	48.8	88.8	118	114	87.8	87.1	80.8	48.8	47.4	3
4	87.08	88.08	88.08	48.8	103	108	113	81.1	78.2	47.8	48.8	48.7	4
5	87.08	78.08	88.08	80.2	108	103	127	87.7	72.3	80.8	48.8	48.8	5
6	87.08	82.08	70.08	81.2	108	102	128	88.8	70.8	48.4	48.7	80.8	6
7	88.08	73.08	88.08	88.8	108	101	128	87.8	74.8	48.1	48.7	48.3	7
8	80.08	88.08	81.08	88.7	128	107	118	87.2	137	48.8	48.8	84.3	8
9	82.08	80.08	87.08	88.8	187	112	108	88.8	148	88.8	48.7	84.08	9
10	88.08	84.08	72.08	82.4	181	114	104	88.4	148	88.3	80.8	88.2	10
11	73.08	82.08	88.08	48.1	183	121	88.8	78.8	188	87.8	48.8	83.08	11
12	73.08	88.08	73.08	48.8	177	122	87.8	88.8	188	88.8	80.8	48.08	12
13	78.08	88.08	74.4	48.7	181	122	88.8	88.4	181	87.8	48.8	40.08	13
14	87.08	88.08	88.1	48.1	184	124	88.7	100	181	87.8	48.8	42.08	14
15	88.08	47.08	88.8	48.8	188	122	88.8	87.4	183	84.1	48.8	42.08	15
16	88.08	81.08	83.8	48.8	188	124	87.8	82.8	71.1	80.8	48.1	43.08	16
17	43.08	88.08	47.8	44.1	187	121	87.8	81.8	88.1	48.2	82.8	40.08	17
18	82.08	88.08	48.7	42.4	188	111	100	88.7	88.2	42.3	48.8	40.08	18
19	72.08	88.08	80.2	38.8	188	123	104	87.8	88.8	48.1	48.8	34.08	19
20	77.08	80.08	81.8	41.8	178	124	107	80.8	82.8	84.7	80.2	34.08	20
21	78.08	48.08	80.8	42.4	184	128	88.7	78.1	87.4	82.8	48.8	34.08	21
22	72.08	44.08	48.8	41.8	140	131	101	72.8	83.7	83.8	44.8	38.08	22
23	88.08	48.08	80.7	47.8	138	137	108	88.7	81.4	83.8	80.2	38.08	23
24	87.08	48.08	80.7	48.7	182	138	102	78.3	80.8	48.4	88.3	37.08	24
25	88.08	48.08	80.8	38.1	128	117	100	88.8	47.7	42.8	87.7	34.08	25
26	82.08	48.08	47.2	37.8	120	110	102	87.2	48.8	48.2	87.8	34.08	26
27	88.08	44.08	48.8	44.8	111	110	108	88.1	48.1	82.8	88.8	38.08	27
28	88.08	40.08	48.2	88.1	110	120	111	88.4	47.3	88.8	80.3	40.08	28
29	88.08		48.1	87.2	107	118	102	88.2	87.7	82.7	47.8	42.08	29
30	78.08		48.8	88.1	114	108	88.2	88.8	88.8	48.4	80.2	81.08	30
31	88.08		48.8		120		87.8	84.8		47.1		81.08	31
TOTAL	2 848.8	1 884.8	1 718.2	1 488.2	4 324.8	3 828	3 237.4	2 848.2	2 818.7	1 888.8	1 484.8	1 348.2	TOTAL
MEAN	88.8	88.8	88.4	48.7	148	118	184	81.8	87.2	81.3	48.8	43.8	MEAN
MAX	81.8	82.8	74.4	88.1	187	137	127	188	181	87.8	87.8	88.2	MAX
MIN	43.8	48.8	37.8	37.8	88.1	181	87.8	84.8	47.3	42.3	44.8	34.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.4
MAXIMUM DAILY, 187 ON MAY 17
MINIMUM DAILY, 34.08 ON DEC 18
MAXIMUM INSTANTANEOUS,
207 AT 20:34 MST ON MAY 13

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 03 00 W
DRAINAGE AREA, 7 880 km²

B - ICE CONDITIONS

REGULATED SINCE 1913

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	177 000	JUL	280 000
FEB	138 000	AUG	219 000
MAR	148 000	SEP	228 000
APR	128 000	OCT	137 000
MAY	374 000	NOV	128 000
JUN	308 000	DEC	116 000

TOTAL DISCHARGE, 2 380 000 dam³

BOW RIVER AT LAKE LOUISE - STATION NO. 05BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	10.8A	18.3	28.1	27.1	14.8	7.13	---	---	1
2	---	---	---	---	12.8	14.5	28.8	22.5	18.0	7.02	---	---	2
3	---	---	---	---	12.4	13.0	24.4	19.8	18.4	6.84	---	---	3
4	---	---	---	---	11.7	13.2	22.5	18.0	14.7	6.80	---	---	4
5	---	---	---	---	11.4	17.1	20.0	19.2	14.7	6.88	---	---	5
6	---	---	---	---	13.3	24.0	23.0	18.8	14.4	5.00	---	---	6
7	---	---	---	---	13.4	26.3	27.1	18.3	13.7	4.88	---	---	7
8	---	---	---	---	18.4	27.4	28.8	20.3	13.3	4.38	---	---	8
9	---	---	---	---	20.8	24.6	32.8	31.4	12.8	4.01	---	---	9
10	---	---	---	---	23.2	22.0	35.4	21.7	14.0	3.77	---	---	10
11	---	---	---	---	21.7	25.8	38.1	16.8	14.2	3.81	---	---	11
12	1.42B	1.28B	---	---	27.8	28.3	38.8	16.2	14.7	3.48	---	---	12
13	---	---	---	---	27.8	31.4	37.7	15.1	15.0	3.32	---	---	13
14	---	---	---	---	33.5	33.4	36.1	13.7	14.8	3.21	---	---	14
15	---	---	---	---	30.3	35.1	33.8	12.8	14.8	3.13	---	---	15
16	---	---	---	---	18.2	36.8	38.4	11.8	12.4	3.04	---	---	16
17	---	---	---	---	17.0	35.4	36.8	10.8	10.8	3.00	---	---	17
18	---	---	---	---	17.4	31.5	41.2	9.88	9.37	2.88	---	---	18
19	---	---	---	---	17.7	28.8	42.2	9.47	8.71	2.75	---	---	19
20	---	---	---	---	15.4	26.7	42.8	11.7	8.58	2.69	---	---	20
21	---	---	---	---	13.8	31.1	41.8	10.4	8.28	2.68	---	---	21
22	---	---	---	---	12.5	28.4	40.8	9.80	8.88	2.86	---	---	22
23	---	1.15B	---	---	11.3	24.0	38.2	9.80	10.4	2.85	---	---	23
24	---	---	---	---	10.8	19.8	34.8	10.0	10.8	2.83	---	---	24
25	---	---	---	---	10.3	18.1	33.7	10.4	10.7	2.80	---	---	25
26	---	---	---	---	11.0	18.8	31.8	10.5	11.2	2.84	---	---	26
27	---	---	---	---	12.8	20.8	30.8	11.4	8.88	2.49	---	---	27
28	1.42B	---	---	---	15.4	22.8	28.8	11.8	8.44	2.49	---	---	28
29	---		---	---	17.5	23.8	27.8	12.5	7.82	2.84	---	---	29
30	---		---	---	17.4	24.7	28.7	12.4	7.10	2.81A	---	---	30
31	---		---		17.7		28.3	13.8		2.80E		---	31
TOTAL	---	---	---	---	503.2	748.5	1 011.1	481.36	383.03	116.21	---	---	TOTAL
MEAN	---	---	---	---	16.2	24.9	32.8	15.9	12.1	3.88	---	---	MEAN
MAX	---	---	---	---	27.8	36.8	42.8	27.1	15.0	7.13	---	---	MAX
MIN	---	---	---	---	10.3	13.0	20.0	9.47	7.10	2.49	---	---	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 42.8 ON JUL 30

MAXIMUM INSTANTANEOUS,
43.8 AT 12:50 MST ON JUL 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 42 N
LONG 116 11 15 W
DRAINAGE AREA, 421 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	87 400
FEB	---	AUG	38 800
MAR	---	SEP	31 400
APR	---	OCT	9 670
MAY	43 500	NOV	---
JUN	64 500	DEC	---

BOW RIVER BELOW BASSANO DAM - STATION NO. 05BM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	72.0	30.4	22.3	6.38	11.7	20.0	4.17	57.0	---	1
2	---	---	---	76.7	61.8	25.8	5.13	10.0	12.8	6.35	55.9	---	2
3	---	---	---	93.7	52.8	25.8	5.58	6.20	16.3	8.38	55.5A	---	3
4	---	---	---	97.5	50.7	16.3	17.7	8.84	27.3	8.74	---	---	4
5	---	---	---	95.2	58.0	11.5	44.8	10.8	38.7	8.55	---	---	5
6	---	---	---	97.9	62.3	12.8	35.1	12.5	46.8	4.77	---	---	6
7	---	---	---	84.8	58.7	8.67	53.0	8.80	42.8	5.05	---	---	7
8	---	---	---	87.2	50.2	6.88	52.3	8.88	42.0	8.80	---	---	8
9	---	---	---	86.2	50.2	6.57	51.1	7.83	50.9	14.2	---	---	9
10	---	---	---	83.0	126	12.2	34.1	8.51	102	23.9	---	---	10
11	---	---	---	77.6	188	8.57	14.7	19.4	102	33.6	---	---	11
12	---	---	61.8A	74.8	208	7.87	14.8	14.0	112	28.5	---	---	12
13	---	---	72.8	67.2	208	8.88	13.3	27.0	132	38.4	---	---	13
14	---	---	68.5	64.8	200	7.78	13.4	88.5	148	18.7	---	---	14
15	---	---	68.2	61.5	198	9.37	8.22	68.7	164	31.1	---	---	15
16	---	---	64.8	48.2	208	10.0	6.83	78.9	143	67.8	---	---	16
17	---	---	62.5	46.4	204	22.9	5.36	77.1	83.8	82.7	---	---	17
18	---	---	72.0	51.6	201	27.2	5.84	80.2	27.8	88.0	---	---	18
19	---	---	83.7	48.1	211	28.1	30.6	126	21.4	86.8	---	---	19
20	---	---	86.0	43.3	226	17.0	54.8	38.7	18.4	81.1	---	---	20
21	---	---	70.0	31.6	178	28.8	80.0	38.2	15.8	81.2	---	---	21
22	---	---	70.5	26.2	85.7	38.1	85.3	48.8	9.88	84.7	---	---	22
23	---	---	68.5	23.6	82.1	38.0	74.3	44.7	8.10	82.2	---	---	23
24	---	---	68.1	27.1	82.1	48.2	83.8	36.8	10.8	84.0	---	---	24
25	---	---	70.1	41.1	38.8	40.8	87.6	30.1	7.73	83.8	---	---	25
26	---	---	68.7	47.8	18.1	14.8	78.8	28.8	8.12	88.8	---	---	26
27	---	---	70.8	14.8	31.5	8.40	84.8	24.0	8.18	83.8	---	---	27
28	---	---	68.1	1.73	16.3	7.31	72.8	26.3	8.22	87.7	---	---	28
29	---		64.8	1.82	17.8	10.8	86.2	27.0	8.38	83.0	---	---	29
30	---		64.0	22.4	14.8	16.8	82.8	19.0	8.40	84.8	---	---	30
31	---		68.8		11.2		33.7	22.4		80.3		---	31
TOTAL	---	---	---	1 850.18	3 203.8	533.86	1 313.07	1 033.86	1 408.80	1 202.73	---	---	TOTAL
MEAN	---	---	---	85.0	103	17.8	39.1	33.4	47.0	38.8	---	---	MEAN
MAX	---	---	---	98.2	226	48.2	83.8	126	164	87.8	---	---	MAX
MIN	---	---	---	1.73	11.2	6.87	5.13	7.83	8.40	4.17	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.7
MAXIMUM DAILY, 226 ON MAY 20
MINIMUM DAILY, 4.17 ON OCT 1
MAXIMUM INSTANTANEOUS,
233 AT 10:28 MST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 113 32 20 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	105 000
FEB	---	AUG	85 300
MAR	---	SEP	133 000
APR	143 000	OCT	104 000
MAY	277 000	NOV	---
JUN	46 100	DEC	---

TOTAL DISCHARGE, 743 000 dam³

BOW RIVER BELOW BEARSPAW DAM - STATION NO. 05BM008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.3	61.8	36.6	42.2	88.5	134	105	88.1	94.1	50.8	43.9	48.8	1
2	78.7	66.6	40.1	43.6	89.2	133	106	90.6	95.9	52.4	43.9	48.1	2
3	72.4	68.3	50.3	45.3	87.6	111	108	87.5	84.3	47.3	43.9	48.2	3
4	68.8	68.3	55.6	46.2	101	104	103	86.7	74.0	46.6	47.1	48.3	4
5	66.7	74.6	66.3	47.3	102	98.3	123	68.2	66.4	46.1	47.0	46.4	5
6	67.0	61.8	68.6	46.1	103	96.7	122	81.1	65.6	46.2	46.1	51.3	6
7	68.2	73.5	66.0	64.1	103	88.0	125	66.0	73.1	44.3	46.4	46.2	7
8	68.6	68.3	60.7	66.1	130	106	110	66.2	140	43.6	42.6	64.6	8
9	62.5	60.1	66.7	62.2	166	110	102	67.8	148	53.7	46.5	53.6	9
10	66.4	63.6	72.3	46.6	167	112	102	66.0	146	66.2	46.5	66.6	10
11	73.6	62.1	67.7	46.2	166	110	62.8	78.4	163	66.1	46.2	63.3	11
12	73.0	66.1	73.1	46.4	178	110	66.4	63.6	164	63.6	46.7	46.2	12
13	78.0	66.1	72.1	46.0	164	110	62.4	66.3	164	66.1	46.4	36.6	13
14	66.7	66.6	66.6	42.6	161	110	64.6	66.7	163	62.6	46.0	42.3	14
15	66.0	67.4	63.6	42.6	167	110	62.0	66.1	141	46.6	46.3	42.4	15
16	66.0	60.6	46.6	42.4	166	110	62.6	62.2	62.6	46.0	46.4	42.6	16
17	46.2	66.2	46.3	36.7	166	110	62.4	62.7	64.6	42.6	66.3	36.7	17
18	62.1	66.6	46.2	36.6	166	106	62.4	66.2	64.6	36.6	46.7	36.6	16
19	71.6	66.1	47.6	36.2	167	120	66.6	66.4	61.4	46.2	46.6	34.6	19
20	77.1	46.6	46.3	37.6	166	122	102	66.3	46.6	62.6	46.4	34.6	20
21	76.3	46.2	46.2	37.6	166	122	64.7	76.2	64.4	66.6	46.3	36.1	21
22	71.7	43.6	46.6	37.1	136	130	67.6	73.4	46.6	62.3	42.3	36.3	22
23	64.6	46.4	46.1	64.3	136	140	102	70.6	47.4	62.2	61.6	36.6	23
24	66.6	46.6	47.6	42.2	66.6	127	66.6	67.4	46.6	46.2	66.6	36.6	24
25	67.6	46.6	46.6	33.3	123	116	67.6	66.1	43.2	36.6	66.1	34.6	25
26	62.3	46.4	43.6	33.2	117	106	66.6	66.3	62.6	46.4	66.2	33.6	26
27	66.6	64.6	62.6	62.7	106	106	106	64.6	62.2	62.4	66.1	36.4	27
28	66.6	36.7	62.6	66.6	106	116	110	63.6	62.2	63.6	46.1	36.7	26
29	66.6		62.1	66.6	106	106	66.2	63.6	66.2	61.6	62.4	62.4	29
30	76.6		62.6	66.3	113	106	66.4	63.6	66.6	46.4	46.6	66.6	30
31	66.4		62.6		116		64.6	63.7		46.2		61.6	31
TOTAL	2 047.6	1 667.1	1 663.4	1 364.2	4 211.4	3 466.6	3 136.6	2 646.6	2 466.4	1 617.6	1 466.6	1 346.3	TOTAL
MEAN	66.6	67.6	63.3	66.1	136	116	101	62.6	63.2	66.6	66.7	63.3	MEAN
MAX	76.6	61.6	73.1	66.3	166	140	126	66.7	164	66.1	66.2	66.6	MAX
MIN	46.2	36.7	36.6	33.2	66.6	66.3	64.6	63.6	61.6	36.6	42.3	33.6	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.6
MAXIMUM DAILY, 166 ON MAY 17
MINIMUM DAILY, 33.2 ON APR 26

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 56 N
LONG 114 13 31 W
DRAINAGE AREA, 7 770 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	177 000	JUL	271 000
FEB	136 000	AUG	220 000
MAR	143 000	SEP	216 000
APR	117 000	OCT	131 000
MAY	364 000	NOV	126 000
JUN	299 000	DEC	116 000

TOTAL DISCHARGE, 2 330 000 dam³

BOW RIVER BELOW CARSELAND DAM - STATION NO. 05BM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	66.6	64.3	66.7	64.6	66.6	46.6	43.2	67.2	---	1
2	---	---	---	76.4	101	63.4	66.1	63.6	63.4	33.6	64.3	---	2
3	---	---	---	76.6	107	63.6	67.6	66.6	76.6	34.6	66.7	---	3
4	---	---	---	76.3	116	76.4	63.6	62.1	76.4	26.6	66.6A	---	4
6	---	---	---	76.6	114	74.1	74.4	64.2	61.6	36.6	---	---	6
6	---	---	---	66.2	106	76.6	66.2	66.6	76.2	66.6	---	---	6
7	---	---	---	63.6	106	76.6	66.6	66.6	66.6	63.7	---	---	7
6	---	---	---	62.4	116	76.7	62.6	67.6	116	63.4	---	---	6
6	---	---	---	61.2	164	76.2	66.6	67.6	163	66.6	---	---	6
10	---	---	---	76.6	163	76.6	66.2	66.6	160	71.6	---	---	10
11	---	---	---	73.7	164	62.1	61.3	66.6	166	72.6	---	---	11
12	---	---	---	66.2	167	62.4	66.6	66.7	166	67.7	---	---	12
13	---	---	---	66.6	206	66.6	66.6	64.6	206	66.6	---	---	13
14	---	---	---	66.1	216	62.6	66.6	107	206	76.4	---	---	14
16	---	---	---	61.1	206	64.6	63.4	113	161	66.6	---	---	16
16	---	---	---	66.1	206	66.1	66.3	106	66.6	61.6	---	---	16
17	---	---	---	61.6	201	66.2	66.2	106	66.3	62.6	---	---	17
16	---	---	---	64.2	166	62.6	62.6	106	61.6	66.3	---	---	16
16	---	---	---	66.1	167	66.3	106	64.1	46.6	64.7	---	---	16
20	---	---	---	66.3	164	66.6	133	61.4	44.6	62.3	---	---	20
21	---	---	---	66.6	146	66.6	127	76.1	42.6	67.6	---	---	21
22	---	---	---	66.7	126	66.6	114	71.6	66.1	63.6	---	---	22
23	---	---	---	66.6	126	106	136	63.6	36.6	64.4	---	---	23
24	---	---	---	66.7	107	66.3	127	66.1	26.6	63.6	---	---	24
26	---	---	---	66.7	66.6	77.1	106	67.6	27.6	66.7	---	---	26
26	---	---	67.3A	46.1	106	61.6	106	64.1	31.6	61.2	---	---	26
27	---	---	64.6	67.7	63.6	66.4	106	61.2	41.2	66.6	---	---	27
26	---	---	66.6	64.4	66.6	63.6	101	66.7	34.1	66.2	---	---	26
26	---		61.6	72.1	76.4	66.6	67.6	62.4	32.6	66.2	---	---	26
30	---		62.6	67.3	76.6	66.6	67.2	63.1	41.6	61.6	---	---	30
31	---		66.4		66.6		66.6	66.6		67.1		---	31
TOTAL	---	---	---	2 016.7	4 343.2	2 466.7	2 676.4	2 144.7	2 672.7	1 766.6	---	---	TOTAL
MEAN	---	---	---	67.3	146	62.6	63.1	66.2	66.6	66.6	---	---	MEAN
MAX	---	---	---	67.3	216	106	136	113	206	72.6	---	---	MAX
MIN	---	---	---	46.7	66.4	66.4	64.6	46.6	27.6	26.6	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.7
MAXIMUM DAILY, 216 ON MAY 14
MINIMUM DAILY, 27.6 ON SEP 26
MAXIMUM INSTANTANEOUS,
232 AT 16:36 MST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 46 26 N
LONG 113 36 31 W

A - MANUAL GAUGE

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	233 000
FEB	---	AUG	166 000
MAR	---	SEP	222 000
APR	174 000	OCT	166 000
MAY	376 000	NOV	---
JUN	313 000	DEC	---

TOTAL DISCHARGE, 1 650 000 dam³

BOW RIVER BELOW GHOST DAM - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	93.3	136	110	84.7	87.6	93.0	47.3	---	1
2	---	---	---	---	78.1	123	111	89.6	88.6	93.4	48.2	---	2
3	---	---	---	---	95.1	114	111	83.2	88.0	47.3	17.3A	---	3
4	---	---	---	---	97.7	105	110	85.6	75.6	47.3	---	---	4
5	---	---	---	---	99.2	103	129	87.1	89.9	50.9	---	---	5
6	---	---	---	---	103	102	134	88.6	88.3	49.0	---	---	6
7	---	---	---	---	107	106	128	85.7	84.7	48.6	---	---	7
8	---	---	---	---	138	108	108	88.6	152	51.8	---	---	8
9	---	---	---	---	152	112	99.5	88.6	149	57.7	---	---	9
10	---	---	---	---	153	109	104	88.3	149	58.1	---	---	10
11	---	---	---	---	172	121	86.5	77.6	183	58.2	---	---	11
12	---	---	---	---	176	120	87.4	88.5	198	55.1	---	---	12
13	---	---	---	---	176	122	84.0	82.9	191	58.0	---	---	13
14	---	---	---	---	198	120	82.4	82.5	187	49.2	---	---	14
15	---	---	---	---	198	126	83.2	86.7	129	46.7	---	---	15
16	---	---	---	---	185	136	82.9	87.4	80.5	51.6	---	---	16
17	---	---	---	---	198	124	83.4	85.0	59.6	45.5	---	---	17
18	---	---	---	---	184	109	84.7	77.5	55.7	42.4	---	---	18
19	---	---	---	---	190	125	86.0	77.2	53.6	51.6	---	---	19
20	---	---	---	---	179	124	87.4	78.6	50.5	58.6	---	---	20
21	---	---	---	---	188	120	87.0	78.3	54.8	50.0	---	---	21
22	---	---	---	---	136	144	83.2	89.7	53.3	53.4	---	---	22
23	---	---	---	---	128	143	83.6	88.2	50.2	59.4	---	---	23
24	---	---	---	---	111	126	86.2	86.6	49.3	40.6	---	---	24
25	---	---	---	---	128	113	89.3	84.3	48.7	40.5	---	---	25
26	---	---	---	---	122	108	101	86.2	45.5	48.5	---	---	26
27	---	---	---	---	108	112	107	82.5	45.0	54.4	---	---	27
28	---	---	---	---	113	108	107	84.7	47.5	54.5	---	---	28
29	---		---	78.1A	109	120	82.2	82.0	58.0	52.3	---	---	29
30	---		---	84.7	113	109	82.2	83.2	51.7	47.1	---	---	30
31	---		---		119		85.5	85.0		47.9		---	31
TOTAL	---	---	---	---	4 307.4	3 526	3 121.5	2 640.7	2 576.1	1 572.0	---	---	TOTAL
MEAN	---	---	---	---	139	118	101	78.7	85.9	50.7	---	---	MEAN
MAX	---	---	---	---	198	144	129	83.9	198	58.4	---	---	MAX
MIN	---	---	---	---	83.3	102	83.2	82.0	45.0	40.5	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 95.3
MAXIMUM DAILY, 198 ON MAY 14
MINIMUM DAILY, 40.5 ON OCT 26
MAXIMUM INSTANTANEOUS,
208 AT 20 34 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 50 N
LONG 114 38 40 W
DRAINAGE AREA, 9 550 km²
A - MANUAL GAUGE

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	270 000
FEB	---	AUG	211 000
MAR	---	SEP	223 000
APR	---	OCT	138 000
MAY	372 000	NOV	---
JUN	306 000	DEC	---

TOTAL DISCHARGE, 1 520 000 dam³

BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL - STATION NO 05BN005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.783	0.842	1.08	0.934	1.11	0	---	1
2	---	---	---	---	0	0.598	1.17	1.27	0.985	1.34	0A	---	2
3	---	---	---	---	0	0.887	1.08	1.11	1.31	1.32	---	---	3
4	---	---	---	---	0	0.747	1.17	1.08	1.28	1.36	---	---	4
5	---	---	---	---	0	1.02	1.86	1.18	1.35	1.86	---	---	5
6	---	---	---	---	0	1.16	1.88	1.04	1.43	1.53	---	---	6
7	---	---	---	---	0.037	1.32	0.959	0.885	1.36	1.32	---	---	7
8	---	---	---	---	0.191	1.36	1.02	1.08	1.33	0.805	---	---	8
9	---	---	---	---	0.330	1.33	1.12	1.31	0.771	0.882	---	---	9
10	---	---	---	---	0.403	1.26	2.40	1.38	0.447A	0.039	---	---	10
11	---	---	---	---	0.387	1.01	1.84	1.33	0.503A	0.028	---	---	11
12	---	---	---	---	1.04	1.14	1.38	1.07	0.884	0.028	---	---	12
13	---	---	---	---	1.18	1.32	1.17	0.843	0.810	0.005	---	---	13
14	---	---	---	---	1.34	1.33	0.880	0.979	0.888	0.001	---	---	14
15	---	---	---	---	1.28	1.37	1.38	1.38	0.743	0	---	---	15
16	---	---	---	---	0.868	1.22	1.20	1.17	0.774	0	---	---	16
17	---	---	---	---	1.13	1.86	0.833	1.21	0.883	0	---	---	17
18	---	---	---	---	1.40	1.48	1.21	1.13	0.748	0	---	---	18
19	---	---	---	---	1.44	1.87	1.84	0.788	0.801	0	---	---	19
20	---	---	---	---	1.84	1.82	1.50	0.579	0.586	0.039	---	---	20
21	---	---	---	---	1.42	1.78	0.821	0.545	0.670	0.005	---	---	21
22	---	---	---	---	1.30	1.63	1.12	0.558	0.728	0	---	---	22
23	---	---	---	---	0.958	1.01	0.863	0.585	0.781	0	---	---	23
24	---	---	---	---	1.38	0.783	0.722	0.580	0.824	0	---	---	24
25	---	---	---	---	1.18	0.800	0.698	0.619	1.13	0	---	---	25
26	---	---	---	---	1.63	0.885	0.884	0.381	1.11	0	---	---	26
27	---	---	---	0A	1.72	1.11	0.887	0.488	1.38	0	---	---	27
28	---	---	---	0	1.28	1.10	0.878	0.585	1.14	0	---	---	28
29	---		---	0	1.02	1.00	0.741	0.874	0.812	0	---	---	29
30	---		---	0	0.858	0.858	0.798	1.09	0.723	0	---	---	30
31	---		---		0.831		0.908	1.03		0		---	31
TOTAL	---	---	---	---	28.229	35.309	35.883	28.147	27.351	10.388	---	---	TOTAL
MEAN	---	---	---	---	0.868	1.18	1.18	0.840	0.912	0.335	---	---	MEAN
MAX	---	---	---	---	1.72	1.87	2.40	1.38	1.43	1.88	---	---	MAX
MIN	---	---	---	---	0	0.858	0.858	0.381	0.447	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.884
MAXIMUM DAILY, 2.40 ON JUL 10
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 40 N
LONG 113 03 50 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 110
FEB	---	AUG	2 820
MAR	---	SEP	2 350
APR	---	OCT	804
MAY	2 370	NOV	---
JUN	3 060	DEC	---

TOTAL DISCHARGE, 14 200 dam³

BOW RIVER DEVELOPMENT DRAIN X NEAR VAUXHALL - STATION NO. 05BH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.060	0.106	0.174	0.372	0.388	0.318	0.089	---	1
2	---	---	---	---	0.048	0.100	0.183	0.331	0.328	0.361	0.083A	---	2
3	---	---	---	---	0.043	0.113	0.162	0.361	0.343	0.434	---	---	3
4	---	---	---	---	0.037	0.102	0.161	0.371	0.382	0.418	---	---	4
5	---	---	---	---	0.037	0.098	0.161	0.371	0.344	0.388	---	---	5
6	---	---	---	---	0.044	0.114	0.185	0.547	0.508	0.288	---	---	6
7	---	---	---	---	0.038	0.123	0.242	0.548	0.598	0.238	---	---	7
8	---	---	---	---	0.038	0.098	0.278	0.885	0.583	0.418	---	---	8
9	---	---	---	---	0.033	0.111	0.383	0.843	0.885	0.333	---	---	9
10	---	---	---	---	0.030	0.108	0.358	0.802	0.518	0.210	---	---	10
11	---	---	---	---	0.031	0.112	0.414	1.01	0.391	0.208	---	---	11
12	---	---	---	---	0.028	0.090	0.488	0.854	0.351	0.177	---	---	12
13	---	---	---	---	0.026	0.086	0.508	0.835	0.408	0.210	---	---	13
14	---	---	---	---	0.032	0.101	0.485	1.21	0.478	0.187	---	---	14
15	---	---	---	---	0.033	0.135	0.488	1.34	0.388	0.188	---	---	15
16	---	---	---	---	0.028	0.137	0.478	0.841	0.356	0.173	---	---	16
17	---	---	---	---	0.029	0.138	0.418	0.858	0.387	0.147	---	---	17
18	---	---	---	---	0.027	0.151	0.418	0.801	0.395	0.150	---	---	18
19	---	---	---	---	0.028	0.187	0.588	0.532	0.433	0.134	---	---	19
20	---	---	---	---	0.033	0.221	0.883	0.518	0.441	0.122	---	---	20
21	---	---	---	---	0.024	0.222	0.672	0.508	0.448	0.107	---	---	21
22	---	---	---	---	0.028	0.208	0.743	0.388	0.438	0.118	---	---	22
23	---	---	---	---	0.024	0.201	0.670	0.330	0.411	0.100	---	---	23
24	---	---	---	---	0.023	0.200	0.606	0.389	0.401	0.092	---	---	24
25	---	---	---	---	0.026	0.208	0.822	0.438	0.380	0.098	---	---	25
26	---	---	---	---	0.025	0.186	0.878	0.488	0.407	0.138	---	---	26
27	---	---	---	0.048A	0.078	0.185	0.894	0.452	0.494	0.085	---	---	27
28	---	---	---	0.044	0.152	0.188	0.928	0.488	0.388	0.080	---	---	28
29	---	---	---	0.048	0.082	0.187	0.825	0.558	0.385	0.089	---	---	29
30	---		---	0.048	0.078	0.178	0.884	0.540	0.312	0.089	---	---	30
31	---		---		0.085		0.891	0.422		0.088		---	31
TOTAL	---	---	---	---	1.308	4.285	14.908	18.840	12.590	5.148	---	---	TOTAL
MEAN	---	---	---	---	0.042	0.143	0.481	0.598	0.420	0.188	---	---	MEAN
MAX	---	---	---	---	0.153	0.222	0.928	1.34	0.598	0.424	---	---	MAX
MIN	---	---	---	---	0.022	0.086	0.141	0.371	0.312	0.085	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.314
MAXIMUM DAILY, 1.34 ON AUG 15
MINIMUM DAILY, 0.022 ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 25 N
LONG 112 10 53 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 280
FEB	---	AUG	1 600
MAR	---	SEP	1 090
APR	---	OCT	531
MAY	113	NOV	---
JUN	371	DEC	---

TOTAL DISCHARGE, 5 000 dam³

BOW RIVER DEVELOPMENT DRAIN Y NEAR HAYS - STATION NO. 05AG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.013	0.587	0.409	0.448	0.384	0.481	0.018	---	1
2	---	---	---	---	0.013	0.448	0.313	0.456	0.323	0.417	0.018	---	2
3	---	---	---	---	0.012	0.476	0.510	0.539	0.408	0.437	0.018	---	3
4	---	---	---	---	0.012	0.405	0.714	0.837	0.409	0.483	0.018A	---	4
5	---	---	---	---	0.009	0.373	0.858	0.383	0.447	0.615	---	---	5
6	---	---	---	---	0.010	0.226	0.881	0.345	0.370	0.522	---	---	6
7	---	---	---	---	0.009	0.323	0.826	0.528	0.431	0.383	---	---	7
8	---	---	---	---	0.008	0.188	0.787	0.610	0.647	0.282	---	---	8
9	---	---	---	---	0.011	0.178	0.885	0.549	0.485	0.176	---	---	9
10	---	---	---	---	0.011	0.233	0.873	0.833	0.488	0.082	---	---	10
11	---	---	---	---	0.014	0.288	0.878	0.328	0.547	0.085	---	---	11
12	---	---	---	---	0.058	0.318	0.840	0.300	0.488	0.083	---	---	12
13	---	---	---	---	0.188	0.480	0.802	0.259	0.377	0.044	---	---	13
14	---	---	---	---	0.200	0.586	0.837	0.434	0.398	0.048	---	---	14
15	---	---	---	---	0.177	0.730	0.899	0.839	0.488	0.058	---	---	15
16	---	---	---	---	0.071	0.485	0.883	0.837	0.672	0.055	---	---	16
17	---	---	---	---	0.080	0.383	0.800	0.710	0.480	0.044	---	---	17
18	---	---	---	---	0.098	0.223	0.758	0.447	0.415	0.044	---	---	18
19	---	---	---	---	0.128	0.485	1.40	0.358	0.382	0.045	---	---	19
20	---	---	---	---	0.124	0.821	1.09	0.367	0.428	0.080	---	---	20
21	---	---	---	---	0.123	0.748	0.893	0.333	0.438	0.068	---	---	21
22	---	---	---	---	0.185	0.852	0.958	0.367	0.413	0.050	---	---	22
23	---	---	---	---	0.148	0.858	0.858	0.443	0.807	0.038	---	---	23
24	---	---	---	---	0.132	0.478	0.785	0.477	0.488	0.034	---	---	24
25	---	---	---	---	0.302	0.484	0.875	0.378	0.540	0.028	---	---	25
26	---	---	---	---	0.334	0.438	0.880	0.288	0.634	0.028	---	---	26
27	---	---	---	---	0.377	0.300	0.888	0.318	0.713	0.023	---	---	27
28	---	---	---	---	0.188	0.453	0.873	0.378	0.880	0.018	---	---	28
29	---	---	---	---	---	0.500	0.855	0.381	0.538	0.018	---	---	29
30	---		---	0.012A	0.223	0.852	0.881	0.232	0.480	0.018	---	---	30
31	---		---	0.014	0.317		0.888	0.227		0.018		---	31
TOTAL	---	---	---	---	3.872	13.348	21.814	13.324	14.131	4.888	---	---	TOTAL
MEAN	---	---	---	---	0.125	0.442	0.707	0.430	0.471	0.182	---	---	MEAN
MAX	---	---	---	---	0.415	0.748	1.40	0.710	0.713	0.615	---	---	MAX
MIN	---	---	---	---	0.008	0.178	0.313	0.232	0.323	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.387
MAXIMUM DAILY, 1.40 ON JUL 19
MINIMUM DAILY, 0.008 ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 00 N
LONG 111 43 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	1 150
MAR	---	SEP	1 220
APR	---	OCT	488
MAY	338	NOV	---
JUN	1 140	DEC	---

TOTAL DISCHARGE, 6 140 dam³

BOW RIVER DEVELOPMENT MAIN CANAL - STATION NO. 05AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	11.6	35.2	32.6	31.3	27.7	24.6	0	---	1
2	---	---	---	0	15.4	34.0	32.6	31.1	23.2	28.6	0	---	2
3	---	---	---	0	18.7	35.1	32.3	30.8	18.4	28.6	0	---	3
4	---	---	---	0	17.4	34.4	33.0	30.2	14.1	27.2	0	---	4
5	---	---	---	0	21.3	29.2	33.0	30.8	11.9	28.6	0	---	5
6	---	---	---	0	22.2	28.7	32.3	30.4	11.1	29.4	0	---	6
7	---	---	---	0	25.6	28.7	32.0	29.5	10.7	16.8	0	---	7
8	---	---	---	0	28.3	28.8	33.2	28.4	10.7	11.7	0	---	8
9	---	---	---	0	28.4	29.0	32.8	28.2	10.1	3.48	0	---	9
10	---	---	---	0	28.8	33.6	32.2	28.2	10.6	0.488	0	---	10
11	---	---	---	0	28.8	34.8	32.0	27.2	11.5	0.187	0	---	11
12	---	---	---	0	29.6	35.1	31.8	27.6	11.3	0.072	0	---	12
13	---	---	---	0	30.3	35.1	31.3	28.1	10.6	0.011	0	---	13
14	---	---	---	0	30.5	35.3	30.8	27.5	10.2	0	0	---	14
15	---	---	---	0	30.5	35.3	30.3	24.5	11.6	0	0	---	15
16	---	---	---	0	30.7	35.2	30.0	28.1	14.1	0	0	---	16
17	---	---	---	0	30.6	34.8	30.2	28.6	14.2	0	0	---	17
18	---	---	---	0	30.8	31.9	30.7	28.2	14.0	0	0	---	18
19	---	---	---	0	30.6	27.8	31.2	27.8	18.1	0	0	---	19
20	---	---	---	0	31.0	32.6	30.6	27.4	18.6	0	0	---	20
21	---	---	---	0	30.8	33.6	30.6	24.3	15.7	0	0	---	21
22	---	---	---	0	33.0	33.4	30.6	26.6	15.8	0	0	---	22
23	---	---	---	0	33.3	33.5	31.1	27.6	11.6	0	0	---	23
24	---	---	0A	0	33.1	33.4	30.8	26.6	22.1	0	0	---	24
25	---	---	0	0	32.3	33.3	31.2	27.3	23.1	0	0	---	25
26	---	---	0	0	34.6	32.8	31.6	27.4	21.7	0	0	---	26
27	---	---	0	0	35.3	33.6	31.4	27.3	20.1	0	0	---	27
28	---	---	0	4.88	34.7	34.1	31.8	27.8	18.3	0	0	---	28
29	---		0	11.1	35.0	33.8	32.1	27.8	20.8	0	0	---	29
30	---		0	11.8	34.8	32.8	32.1	27.8	23.3	0	0	---	30
31	---		0		35.1		31.5	27.8		0		---	31
TOTAL	---	---	---	27.38	883.8	889.8	979.9	869.1	489.3	183.118	0	---	TOTAL
MEAN	---	---	---	0.913	28.5	33.0	31.6	28.0	16.6	5.23	0	---	MEAN
MAX	---	---	---	11.8	35.3	35.3	33.2	31.3	27.7	28.6	0	---	MAX
MIN	---	---	---	0	11.8	27.8	30.0	24.3	10.1	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.1
MAXIMUM DAILY, 35.3 ON MAY 27
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 48 N
LONG 113 01 17 W

A - MANUAL GAUGE

REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84 700
FEB	---	AUG	78 100
MAR	---	SEP	40 600
APR	2 370	OCT	18 700
MAY	78 400	NOV	0
JUN	85 500	DEC	---

TOTAL DISCHARGE, 381 000 dam³

BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3 - STATION NO. 05AC802

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	23.8	37.8	9.16	9.28	11.0	---	---	1
2	---	---	---	---	2.77A	24.0	37.8	10.2	9.06	11.2	---	---	2
3	---	---	---	---	3.31	24.5	38.1	10.8	8.08	11.2	---	---	3
4	---	---	---	---	3.88	24.1	38.3	11.6	9.32	11.5	---	---	4
5	---	---	---	---	7.84	34.8	40.1	12.7	9.37	8.32	---	---	5
6	---	---	---	---	9.46	35.5	39.2	14.3	9.44	0.884	---	---	6
7	---	---	---	---	9.88	35.5	37.8	15.8	9.82	0	---	---	7
8	---	---	---	---	11.9	37.2	37.1	15.8	9.16	0	---	---	8
9	---	---	---	---	12.0	36.6	36.2	15.3	8.17	0	---	---	9
10	---	---	---	---	12.1	36.9	35.0	14.8	7.83	0	---	---	10
11	---	---	---	---	12.4	36.9	33.7	14.0	7.14	0	---	---	11
12	---	---	---	---	15.2	36.9	33.6	13.3	8.77	0	---	---	12
13	---	---	---	---	15.4	31.2	30.9	12.2	8.85	0	---	---	13
14	---	---	---	---	15.7	31.4	36.1	11.4	8.80	0	---	---	14
15	---	---	---	---	16.2	33.9	27.1	10.2	8.47	0	---	---	15
16	---	---	---	---	16.1	37.2	25.4	9.87	8.78	0	---	---	16
17	---	---	---	---	15.9	39.1	23.9	8.83	7.48	0	---	---	17
18	---	---	---	---	16.8	40.1	22.6	7.33	8.32	0	---	---	18
19	---	---	---	---	18.4	40.0	20.5	7.15	8.58	0	---	---	19
20	---	---	---	---	19.4	40.3	17.0	8.81	8.80	0	---	---	20
21	---	---	---	---	20.5	40.3	15.4	8.38	8.58	0	---	---	21
22	---	---	---	---	22.8	38.0	14.3	8.42	8.87	0	---	---	22
23	---	---	---	---	23.3	34.1	12.2	8.41	8.81	0	---	---	23
24	---	---	---	---	23.4	32.7	10.3	8.88	8.58	0	---	---	24
25	---	---	---	---	24.7	32.7	9.84	8.76	9.08	0	---	---	25
26	---	---	---	---	27.0	33.2	8.81	8.12	8.70	0	---	---	26
27	---	---	---	---	26.3	34.1	8.78	7.48	8.70	0	---	---	27
28	---	---	---	---	24.3	34.9	7.78	8.24	8.83	0	---	---	28
29	---		---	---	24.0	36.7	7.47	7.89	10.2	0	---	---	29
30	---		---	---	24.3	37.7	8.32	8.26	10.8	0	---	---	30
31	---		---		24.6		9.46	8.81		0		---	31
TOTAL	---	---	---	---	502.42	983.5	753.84	306.84	258.94	54.104	---	---	TOTAL
MEAN	---	---	---	---	18.2	32.1	24.3	9.85	8.86	1.75	---	---	MEAN
MAX	---	---	---	---	27.0	40.3	40.1	15.8	10.9	11.5	---	---	MAX
MIN	---	---	---	---	0	23.8	7.47	5.76	8.47	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.4
MAXIMUM DAILY, 40.3 ON JUN 20
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
40.5 AT 23:37 MST ON JUN 21

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 25 N
LONG 113 32 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	65 100
FEB	---	AUG	36 700
MAR	---	SEP	23 200
APR	---	OCT	4 670
MAY	43 400	NOV	---
JUN	83 200	DEC	---

TOTAL DISCHARGE, 245 000 dam³

BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE - STATION NO. 05AC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.726	1.06	0.057	0.130	0.280	---	---	1
2	---	---	---	---	0	0.821	1.06	0.057	0.144	0.248	---	---	2
3	---	---	---	---	0	0.878	1.18	0.057	0.118	0.174	---	---	3
4	---	---	---	---	0	0.878	1.36	0.057	0.072	0.069	---	---	4
5	---	---	---	---	0.113	1.05	1.41	0.198	0.069	0.068	---	---	5
6	---	---	---	---	0.113	0.887	1.41	0.283	0.043	0	---	---	6
7	---	---	---	---	0.113	0.914	1.48	0.283	0.037	0	---	---	7
8	---	---	---	---	0.113	0.917	1.48	0.428	0.035	0	---	---	8
9	---	---	---	---	0.113	1.02	1.42	0.428	0.031	0	---	---	9
10	---	---	---	---	0.113	1.02	1.33	0.227	0.027	0	---	---	10
11	---	---	---	---	0.283	1.16	1.30	0.227	0.028	0	---	---	11
12	---	---	---	---	0.398	1.18	1.18	0.148	0.027	0	---	---	12
13	---	---	---	---	0.398	1.18	1.13	0.088	0.027	0	---	---	13
14	---	---	---	---	0.227	1.18	1.10	0.062	0.026	0	---	---	14
15	---	---	---	---	0.398	1.26	1.09	0.041	0.023	0	---	---	15
16	---	---	---	---	0.483	1.24	0.922	0.041	0.086	0	---	---	16
17	---	---	---	---	0.483	1.21	0.833	0.040	0.118	0	---	---	17
18	---	---	---	---	0.596	1.23	0.706	0.038	0.183	0	---	---	18
19	---	---	---	---	0.483	1.15	0.198	0.043	0.188	0	---	---	19
20	---	---	---	---	0.426	1.12	0.088	0.048	0.191	0	---	---	20
21	---	---	---	---	0.510	1.15	0.088	0.048	0.187	0	---	---	21
22	---	---	---	---	0.588	0.988	0	0.048	0.188	0	---	---	22
23	---	---	---	---	0.708	0.809	0.085	0.048	0.241	0	---	---	23
24	---	---	---	---	0.706	0.783	0.142	0.050	0.307	0	---	---	24
25	---	---	---	---	0.678	0.748	0.142	0.052	0.323	0	---	---	25
26	---	---	---	---	0.908	0.687	0.142	0.052	0.337	0	---	---	26
27	---	---	---	---	0.891	0.713	0.142	0.053	0.341	0	---	---	27
28	---	---	---	---	0.785	0.771	0.142	0.051	0.316	0	---	---	28
29	---		---	---	0.680	0.850	0.142	0.050	0.298	0	---	---	29
30	---		---	---	0.588	0.930	0.057	0.051	0.304	0	---	---	30
31	---		---		0.588		0.057	0.050		0		---	31
TOTAL	---	---	---	---	13.842	28.440	22.752	3.387	4.414	0.734	---	---	TOTAL
MEAN	---	---	---	---	0.405	0.981	0.734	0.109	0.147	0.024	---	---	MEAN
MAX	---	---	---	---	0.991	1.26	1.48	0.428	0.341	0.280	---	---	MAX
MIN	---	---	---	---	0	0.687	0	0.038	0.023	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 1.48 ON JUL 7
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 30 N
LONG 113 38 00 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 970
FEB	---	AUG	283
MAR	---	SEP	381
APR	---	OCT	63.4
MAY	1 080	NOV	---
JUN	2 540	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED

TOTAL DISCHARGE, 6 330 dam³

BOW RIVER NEAR SEEBE - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	68.4	55.5	34.4	43.4	77.2	127	148	104	47.7	48.3	41.2	52.1	1
2	71.7	60.5	35.0	47.7	84.0	130	128	88.5	52.4	43.0	39.8	50.5	2
3	65.0	61.7	58.2	44.7	95.5	121	142	93.5	58.2	40.4	48.4	52.5	3
4	67.7	60.4	62.6	41.5	88.2	106	134	87.4	75.0	37.7	50.0	50.5	4
5	72.8	60.5	62.9	35.1	85.0	115	127	88.1	68.5	47.0	54.7	44.8	5
6	64.4	64.5	55.5	38.4	95.3	118	128	85.4	62.5	48.0	53.2	41.0	6
7	67.5	76.5	64.5	48.1	106	127	127	82.5	60.5	41.3	44.7	48.4	7
8	66.1	63.6	48.0	48.2	133	147	112	80.5	53.2	38.7	38.9	52.5	8
9	65.5	63.3	48.5	50.5	148	158	111	78.5	53.0	44.4	50.5	50.1	9
10	77.4	63.7	65.1	44.5	156	160	110	85.5	51.4	39.7	52.7	54.3	10
11	73.1	66.4	63.9	48.5	167	165	105	95.1	48.0	36.4	51.2	54.1	11
12	67.0	66.4	62.2	33.5	177	148	94.1	85.3	54.5	37.8	52.4	49.5	12
13	69.5	61.2	70.2	33.7	214	133	88.3	83.0	55.3	50.5	54.1	45.5	13
14	67.3	61.1	58.5	40.5	220	134	89.4	88.3	48.1	48.4	51.5	45.2	14
15	66.2	57.7	51.3	37.3	197	157	87.5	78.7	50.0	41.5	42.5	32.2	15
16	65.5	45.2	34.5	44.3	189	171	83.7	73.0	55.0	53.3	48.5	43.5	16
17	62.0	54.3	46.5	46.5	180	183	85.0	74.5	57.5	41.5	39.0	37.5	17
18	57.5	51.5	51.0	31.7	172	190	81.7	70.7	58.2	34.2	56.4	43.5	18
19	66.5	51.0	51.1	35.1	159	181	89.5	65.7	63.4	52.5	48.5	36.5	19
20	71.1	55.5	50.9	38.5	181	138	81.5	61.3	59.5	45.5	40.5	37.0	20
21	70.7	47.2	43.5	40.5	158	133	87.5	75.5	49.2	54.1	36.7	45.5	21
22	65.0	39.4	24.5	44.5	162	158	80.5	87.5	48.7	51.4	39.4	50.1	22
23	65.1	43.3	32.5	44.5	145	147	80.5	84.1	45.2	57.5	45.1	45.3	23
24	60.5	52.0	49.2	48.3	118	127	85.7	83.5	41.5	41.5	53.2	43.0	24
25	63.3	50.5	47.2	44.5	115	114	95.0	89.4	47.5	40.5	53.5	33.4	25
26	64.1	48.3	48.4	31.5	109	108	86.5	85.1	43.2	51.7	43.5	39.5	26
27	66.5	50.5	42.5	46.5	118	102	104	88.0	40.5	51.5	52.7	37.0	27
28	75.5	46.3	38.0	57.1	133	97.3	102	85.4	48.3	49.5	38.2	41.5	28
29	64.5		28.5	64.5	148	102	85.3	88.7	49.5	55.3	34.3	50.2	29
30	67.7		28.5	63.3	150	132	101	84.5	47.1	52.5	40.5	58.0	30
31	61.4		43.3		134		88.7	83.5		48.5		53.0	31
TOTAL	2 088.3	1 641.2	1 485.3	1 308.5	4 389.3	4 111.3	3 259.1	2 340.5	1 592.7	1 421.5	1 384.5	1 414.5	TOTAL
MEAN	67.4	58.0	48.2	43.5	142	137	105	75.5	53.1	45.5	46.5	45.5	MEAN
MAX	85.0	84.5	70.2	64.5	220	193	148	104	75.0	57.5	58.4	58.0	MAX
MIN	63.3	37.7	24.5	28.4	77.2	97.3	81.5	84.5	38.5	34.2	34.3	32.2	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 72.2
MAXIMUM DAILY, 220 ON MAY 14
MINIMUM DAILY, 24.5 ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 10 N
LONG 115 02 00 W
DRAINAGE AREA, 5 170 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	180 000	JUL	282 000
FEB	133 000	AUG	202 000
MAR	128 000	SEP	138 000
APR	113 000	OCT	123 000
MAY	378 000	NOV	120 000
JUN	355 000	DEC	123 000

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1911

TOTAL DISCHARGE, 2 380 000 dam³

BOW RIVER NEAR THE MOUTH - STATION NO. 05BN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	76.0B	75.0B	86.0B	89.1	5.37	31.6	28.3	86.6	33.6	17.4	83.8A	86.0B	1
2	76.2B	76.2B	87.0B	89.7	7.76	30.6	28.0	41.0	27.8A	18.0	86.6	86.0B	2
3	76.0B	76.8B	80.0B	73.6	41.6	31.6	33.6	31.4	26.8A	17.8	84.6	86.0B	3
4	74.8B	76.8B	83.0B	88.2	89.6	40.0	34.0	26.6	26.1	18.6	86.6	86.0B	4
5	73.2B	76.0B	86.0B	86.9	84.9	40.2	31.6	32.9	24.8A	19.6	83.6	86.0B	5
6	73.4B	76.4B	86.0B	87.2	70.2	36.2	27.7	31.4	34.0A	22.6	86.0	86.0B	6
7	72.6B	76.2B	70.0B	86.7	87.8	36.4	83.6	22.7	80.6	22.0	81.3	86.6B	7
8	72.0B	76.0B	76.0B	86.6	83.6	27.7	86.1	26.1	86.0A	18.6	86.2	84.6B	8
9	71.3B	74.7B	80.0B	82.9	80.2	26.6	87.3	27.4	83.0A	16.4	86.6	82.0B	9
10	70.6B	74.2B	84.0B	86.0	46.3	20.6	84.3	24.3	76.6E	12.9	86.9	84.0B	10
11	86.0B	73.4B	86.0B	81.2	71.1	20.6	84.7	26.1	87.8A	12.7	86.6	47.0B	11
12	86.0B	72.0B	82.0B	76.6	150	21.6	80.6	27.1	113	26.1	87.1	36.0B	12
13	87.0B	71.6B	80.0B	72.6	143	23.6	37.6	30.1	117	41.3	82.0	30.0B	13
14	86.6B	70.0B	86.0B	87.7	140	19.6	34.6A	36.2	136	36.6	82.4	26.0B	14
15	87.0B	86.0B	83.0B	37.3	142	21.6	29.3A	86.0A	166	46.1	86.6B	24.0B	15
16	87.2B	87.2B	76.0B	42.1	160	26.6	26.1	80.7	163	33.6	84.6B	23.0B	16
17	86.0B	86.6B	86.0B	46.4	147	27.6	26.6	87.6A	163	30.6	87.7B	22.6B	17
18	86.6B	86.0B	87.0B	46.4	146	34.1	27.6	80.2A	114	86.7	83.0B	24.0B	18
19	86.0B	86.0B	82.0B	46.7	161	41.6	26.6	83.6A	86.6A	84.3	80.0B	26.0B	19
20	86.6B	84.0B	80.0B	46.4	160	87.6	33.6	81.6A	36.6	80.7	82.0B	36.0B	20
21	76.0B	83.0B	84.0B	46.6	136	46.3	36.1A	113	30.7	86.3	87.6B	36.0B	21
22	76.2B	82.0B	86.0B	41.4	136	36.6	87.1A	166 A	29.1	84.6	87.0B	36.1B	22
23	76.2B	81.0B	80.0B	32.7	106	44.1	106	43.3E	22.3	82.0	86.0B	40.0B	23
24	76.2B	80.0B	81.0B	26.2	80.3	86.6	81.7	86.3A	22.6	84.7	84.6B	36.6B	24
25	76.2B	86.0B	82.0B	26.7	84.6	86.2	87.0	82.6	18.6	83.6	84.0B	36.6B	25
26	76.0B	87.6B	83.0B	26.6	86.6	81.3	126	43.0	18.1	86.1	84.0B	37.0B	26
27	71.0B	86.6B	84.0B	47.1	84.1	84.1	126	36.6	21.4	81.6	84.0B	36.0B	27
28	72.0B	86.0B	86.0B	46.6	36.6	46.6	77.6	34.2	18.6	86.1	84.4B	36.0B	28
29	72.6B		87.0B	26.2	36.6	31.6	86.6	37.6	16.6	82.6	86.0B	33.6B	29
30	73.3B		86.0B	10.6	32.2	30.0	86.6	31.0	17.7	87.3	86.2B	32.6B	30
31	74.0B		77.0		33.6		86.6A	37.4		86.1		31.6B	31
TOTAL	2 186.6	1 812.6	2 116.0	1 783.6	2 660.63	1 066.2	1 734.6	1 662.6	1 766.6	1 266.4	1 636.6	1 340.6	TOTAL
MEAN	70.6	66.3	66.3	66.6	66.6	36.6	66.0	60.4	66.6	41.6	61.2	43.3	MEAN
MAX	76.0	76.0	92.0	86.7	166	61.3	126	166	166	66.7	66.6	66.0	MAX
MIN	66.6	66.0	60.0	10.6	6.37	16.6	31.6	21.4	17.7	12.7	63.0	22.6	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.3
MAXIMUM DAILY, 166 ON SEP 16
MINIMUM DAILY, 6.37 ON MAY 1
MAXIMUM INSTANTANEOUS,
166 AT 06:36 MST ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 02 47 N
LONG 111 36 26 W
DRAINAGE AREA, 26 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	160 000	JUL	160 000
FEB	166 000	AUG	126 000
MAR	163 000	SEP	164 000
APR	162 000	OCT	111 000
MAY	232 000	NOV	169 000
JUN	92 000	DEC	116 000

TOTAL DISCHARGE, 1 640 000 dam³

BOXELDER CREEK AT HARGRAVE'S RANCH - STATION NO. 05AH060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0918	0.0478	1.01	0.184	0	0	0	0	0	0	---	1
2	---	0.1048	0.0288	2.44	0.163	0	0	0	0	0	0	---	2
3	---	0.1038	0.0918	2.82	0.159	0	0	0	0	0	0A	---	3
4	---	0.1228	0.1128	2.80	0.142	0	0	0	0	0	---	---	4
5	---	0.1468	0.3288	3.23	0.131	0	0	0	0	0	---	---	5
6	0.1188	0.1828	0.7408	3.31	0.118	0	0	0	0	0	---	---	6
7	---	0.2188	1.32 B	2.82	0.104	0	0	0	0	0	---	---	7
8	---	0.2378	1.62 B	1.83	0.088	0	0	0	0	0	---	---	8
9	---	0.2418	1.36 B	1.67	0.088	0	0	0	0	0	---	---	9
10	---	0.5418	0.5248	1.40	0.042	0	0	0	0	0	---	---	10
11	---	1.01 B	0.4988	1.23	0.088	0	0	0	0	0	---	---	11
12	---	1.04 B	0.2988	1.18	0.048	0	0	0	0	0	---	---	12
13	---	0.8418	0.5488	1.18	0.047	0	0	0	0	0	---	---	13
14	---	0.8388	0.4048	1.10	0.031	0	0	0	0	0	---	---	14
15	---	0.8528	0.8678	0.981	0.019	0	0	0	0	0	---	---	15
16	---	0.8088	0.7118	0.844	0.018	0	0	0	0	0	---	---	16
17	---	0.8218	0.7878	0.777	0.008	0	0	0	0	0	---	---	17
18	---	0.2788	0.7128	0.848	0.007	0	0	0	0	0	---	---	18
19	---	0.4068	0.5408	0.814	0.006	0	0	0	0	0	---	---	19
20	---	0.3388	0.4398	0.883	0.002	0	0	0	0	0	---	---	20
21	---	0.2818	0.4838	0.813	0	0	0	0	0	0	---	---	21
22	---	0.2568	0.5208	0.480	0	0	0	0	0	0	---	---	22
23	---	0.2888	0.4288	0.434	0	0	0	0	0	0	---	---	23
24	---	0.2848	0.5728	0.406	0	0	0	0	0	0	---	---	24
25	---	0.2788	0.6348	0.372	0	0	0	0	0	0	---	---	25
26	---	0.1988	0.6058	0.323	0	0	0	0	0	0	---	---	26
27	---	0.2418	0.6408	0.278	0.001	0	0	0	0	0	---	---	27
28	0.1188	0.0918	1.10 B	0.238	0.002	0	0	0	0	0	---	---	28
29	0.0888		1.08 B	0.188	0	0	0	0	0	0	---	---	29
30	0.0808		0.6588	0.182	0	0	0	0	0	0	---	---	30
31	0.0848		0.6588		0		0	0		0		---	31
TOTAL	---	10.998	18.772	35.882	1.443	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.383	0.606	1.20	0.047	0	0	0	0	0	---	---	MEAN
MAX	---	1.04	1.62	3.31	0.184	0	0	0	0	0	---	---	MAX
MIN	---	0.081	0.026	0.182	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.246
MAXIMUM DAILY, 3.31 ON APR 6
MINIMUM DAILY, 0 ON MAY 31
MAXIMUM INSTANTANEOUS,
3.34 AT 03:43 MST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 43 N
LONG 108 59 14 W

A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	990	AUG	0
MAR	1 620	SEP	0
APR	3 100	OCT	0
MAY	126	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6 800 dam³

BOYER RIVER NEAR FORT VERMILION - STATION NO. 07JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1278	0.1488	38.8	11.7	4.84	0.438	1.16 A	0.817	---	---	1
2	---	---	0.1278	0.1488	38.4	14.8	4.80	0.743	1.06 E	0.808	---	---	2
3	---	---	0.1288	0.1838	37.4	13.3	4.77	1.41	1.02 E	0.777	---	---	3
4	---	---	0.1288	0.2508	38.3	13.0	4.16	4.42	0.940E	0.818	---	---	4
5	---	---	0.1288	0.2348	34.8	12.4	4.82	7.18	0.888E	0.783	---	---	5
6	---	---	0.1278	0.2078	32.8	12.2	5.80	8.31	0.818E	0.744	---	---	6
7	---	---	0.1278	0.2518	30.3	12.2	5.17	9.11	0.788E	0.808	---	---	7
8	---	---	0.1278	0.3038	27.9	12.6	4.87	9.10	0.890E	0.885	---	---	8
9	---	---	0.1288	0.3808	26.6	13.2	4.40	9.14	0.838E	1.20	---	---	9
10	---	---	0.1308	0.5508	24.1	13.3	4.13	9.08	0.878E	2.14	---	---	10
11	---	---	0.1318	0.5088	23.1	13.1	3.71	8.08	0.828E	2.18	---	---	11
12	---	---	0.1318	0.5988	22.8A	12.7	3.34	7.28	0.475E	2.03	---	---	12
13	---	---	0.1308	1.06 B	22.1E	11.9	3.12	6.84	0.430E	2.24	---	---	13
14	---	---	0.1288	1.16 B	24.0E	10.8	2.83	6.06	0.380E	2.83	---	---	14
15	---	---	0.1278	1.47 B	25.0E	9.77	2.69	5.72	0.340E	3.45	---	---	15
16	---	---	0.1288	2.06 B	24.6E	8.79	2.60	5.03	0.304E	3.28	---	---	16
17	---	---	0.1238	4.03 B	23.6E	7.84	2.26	4.82	0.278A	3.37	---	---	17
18	---	---	0.1238	8.10 B	22.9E	7.20	2.13	4.00	0.283	3.55	---	---	18
19	---	0.1328	0.1228	18.3 B	21.9E	6.89	1.97	3.84	0.404	3.71	---	---	19
20	---	0.1328	0.1218	29.5 B	21.0E	6.14	1.74	3.18	0.804	3.47	---	---	20
21	---	0.1318	0.1188	33.6 B	20.6E	5.62	1.63	2.80	0.878	3.39	---	---	21
22	---	0.1308	0.1188	38.9 B	20.1E	5.33	1.38	2.72	0.840	3.54	---	---	22
23	---	0.1288	0.1148	50.4	18.4E	5.26	1.17	2.73	0.784	3.75	---	---	23
24	---	0.1288	0.1128	49.3	18.6E	5.11	0.980	2.53	0.780	4.27	---	---	24
25	---	0.1288	0.1108	48.2	14.8E	5.37	0.801	2.39	1.35	5.90	---	---	25
26	---	0.1288	0.1068	48.5	13.2E	5.87	0.681	2.23	1.22	5.93	---	---	26
27	---	0.1288	0.1038	45.1	12.3A	6.26	0.574	2.08	0.947	4.97	---	---	27
28	---	0.1278	0.1108	41.3	11.7	6.57	0.481	1.97	0.810	4.96	---	---	28
29	---		0.1148	38.4	11.4	6.89	0.381	1.73	0.742	5.12 A	---	---	29
30	---		0.1188	37.4	11.0	6.11	0.343	1.47	0.755	5.17 E	---	---	30
31	---		0.1338		10.7		0.327	1.27		5.18 E		---	31
TOTAL	---	---	3.785	501.498	718.6	280.22	81.478	136.821	21.821	92.246	---	---	TOTAL
MEAN	---	---	0.122	16.7	23.2	9.34	2.63	4.41	0.727	2.98	---	---	MEAN
MAX	---	---	0.133	50.4	38.8	14.8	6.50	9.14	1.35	5.93	---	---	MAX
MIN	---	---	0.103	0.148	10.7	6.11	0.327	0.438	0.253	0.744	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.50
MAXIMUM DAILY, 50.4 ON APR 23
MINIMUM DAILY, 0.1038 ON MAR 27
MAXIMUM INSTANTANEOUS,
85.8 AT 22:00 MST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 42 N
LONG 118 16 10 W
DRAINAGE AREA, 6 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 040
FEB	---	AUG	11 800
MAR	327	SEP	1 680
APR	43 300	OCT	7 970
MAY	62 100	NOV	---
JUN	24 200	DEC	---

TOTAL DISCHARGE, 159 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

BOYER RIVER NEAR PADDLE PRAIRIE - STATION NO 07JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.058	0.088	0.002	0.028	0.002	0.002	---	---	1
2	---	---	0B	0 B	0.028	0.018A	0.002	0.012	0.002	0.002	---	---	2
3	---	---	0B	0 B	0.017	0.030	0.003	0.004	0.001	0.002	---	---	3
4	---	---	0B	0 B	0.011	0.017	0.002	0.003	0.002	0.002	---	---	4
5	---	---	0B	0 B	0.009	0.018	0.001	0.871	0.001	0.002	---	---	5
6	---	---	0B	0.0018	0.003A	0.058	0.001	1.38	0.001	0.002	---	---	6
7	---	---	0B	0.0028	0.002A	0.151	0.001	0.684	0.001	0.003	---	---	7
8	---	---	0B	0.0048	0.004A	0.155	0.001	0.378	0.001	0.003	---	---	8
9	---	---	0B	0.0088	0.008	0.284	0.001	0.280	0.001	0.002	---	---	9
10	---	---	0B	0.0088	0.015	0.245	0.001	0.191	0.001	0.002	---	---	10
11	---	---	0B	0.0088	0.025	0.199	0.001	0.182	0.001	0.002	---	---	11
12	---	---	0B	4.30 B	0.081	0.136	0.001	0.158	0.001	0.002	---	---	12
13	---	---	0B	8.73 B	0.025	0.108	0.001	0.275	0.001	0.001	---	---	13
14	---	---	0B	4.09 B	0.016	0.075	0.001	0.240	0.001	0.001	---	---	14
15	---	---	0B	3.89 B	0.010	0.031	0.002	0.173	0.002	0.002	---	---	15
16	---	---	0B	3.84	0.005	0.028	0.002	0.112	0.002	0.002	---	---	16
17	---	---	0B	3.24	0.005	0.018	0.001	0.071	0.002	0.002	---	---	17
18	---	---	0B	2.80 E	0.005	0.012	0	0.058	0.001	0.002	---	---	18
19	---	0B	0B	2.15 E	0.002	0.010	0	0.038	0.001	0.002	---	---	19
20	---	0B	0B	1.80 E	0.001	0.008	0	0.015	0.001	0.002	---	---	20
21	---	0B	0B	1.45 E	0.001	0.004	0	0.008	0.001	0.003	---	---	21
22	---	0B	0B	1.11 E	0.002	0.003	0	0.005	0.001	0.003	---	---	22
23	---	0B	0B	0.768E	0.002	0.007	0	0.004	0.001	0.002	---	---	23
24	---	0B	0B	0.412A	0.003	0.006	0.001	0.003	0.001	0.002	---	---	24
25	---	0B	0B	0.388	0.003	0.004	0.001	0.003	0.001	0.002	---	---	25
26	---	0B	0B	0.308	0.006	0.003	0.001	0.002	0.001	0.002	---	---	26
27	---	0B	0B	0.208	0.005A	0.002	0.001	0.002	0.001	0.002	---	---	27
28	---	0B	0B	0.158	0.002A	0.002	0.001	0.002	0.001	0.004	---	---	28
29	---		0B	0.127	0.002A	0.002	0.001	0.001	0.002	0.003	---	---	29
30	---		0B	0.099	0.006	0.002	0.001	0.001	0.002	0.003A	---	---	30
31	---		0B		0.054		0.002	0.001		0.003E		---	31
TOTAL	---	---	0	37.283	0.401	1.898	0.033	4.882	0.038	0.089	---	---	TOTAL
MEAN	---	---	0	1.24	0.013	0.063	0.001	0.160	0.001	0.002	---	---	MEAN
MAX	---	---	0	8.73	0.081	0.284	0.003	1.38	0.002	0.004	---	---	MAX
MIN	---	---	0	0	0.001	0.002	0	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.182
MAXIMUM DAILY, 8.738 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.138 AT 07:30 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 30 N
LONG 117 38 45 W
DRAINAGE AREA, 94.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.85
FEB	---	AUG	429
MAR	0	SEP	3.24
APR	3 220	OCT	5.85
MAY	34.8	NOV	---
JUN	147	DEC	---

TOTAL DISCHARGE, 3 840 dam³

BRAZEAU RESERVOIR - STATION NO. 05DD005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0863.48	0860.78	0857.44	0852.34	0848.48	0850.06	0853.38	0858.04	0864.73	0865.48	0865.47	0863.74	1
2	0863.38	0860.84	0857.32	0852.05	0848.61	0850.06	0853.85	0858.77	0864.77	0865.38	0865.48	0863.82	2
3	0863.38	0860.48	0857.18	0851.94	0848.87	0850.05	0853.85	0858.77	0864.77	0865.38	0865.48	0863.80	3
4	0863.34	0860.34	0857.02	0851.87	0848.87	0849.97	0853.87	0860.38	0864.80	0865.48	0865.48	0863.38	4
5	0863.23	0860.18	0856.90	0851.88	0848.84	0849.86	0854.21	0861.34	0864.82	0865.41	0865.48	0863.38	5
6	0863.13	0860.03	0856.72	0851.78	0848.77	0850.13	0854.48	0861.78	0864.82	0865.48	0865.34	0863.18	6
7	0863.03	0860.04	0856.70	0851.88	0848.48	0850.51	0854.85	0862.08	0864.88	0865.42	0865.31	0863.09	7
8	0862.80	0860.08	0856.71	0851.40	0848.42	0850.73	0854.88	0862.34	0865.08	0865.44	0865.18	0863.02	8
9	0862.81	0859.88	0856.81	0851.23	0848.44	0850.80	0855.12	0862.58	0865.07	0865.45	0865.17	0862.83	9
10	0862.77	0859.74	0856.43	0851.11	0848.73	0851.05	0855.41	0862.82	0865.08	0865.48	0865.08	0862.83	10
11	0862.78	0859.62	0856.13	0850.93	0848.78	0851.21	0855.78	0863.28	0865.13	0865.53	0865.04	0862.88	11
12	0862.84	0859.41	0855.84	0850.87	0848.88	0851.22	0856.13	0863.48	0865.20	0865.58	0864.87	0862.80	12
13	0862.88	0859.32	0855.88	0850.84	0848.87	0851.37	0856.28	0863.68	0865.28	0865.55	0864.88	0862.44	13
14	0862.47	0859.18	0855.38	0850.83	0848.41	0851.88	0856.38	0863.81	0865.38	0865.53	0864.84	0862.31	14
15	0862.40	0859.20	0855.88	0850.82	0848.38	0851.88	0855.81	0864.12	0865.38	0865.55	0864.78	0862.21	15
16	0862.28	0859.08	0855.80	0850.23	0848.34	0851.87	0856.81	0864.28	0865.38	0865.54	0864.70	0862.08	16
17	0862.23	0858.88	0855.28	0850.31	0848.48	0851.88	0856.88	0864.45	0865.37	0865.58	0864.81	0861.83	17
18	0862.13	0858.77	0855.08	0850.22	0848.87	0852.07	0856.84	0864.50	0865.38	0865.54	0864.83	0861.78	18
19	0862.08	0858.83	0854.83	0850.13	0848.84	0852.12	0857.10	0864.47	0865.38	0865.84	0864.82	0861.87	19
20	0861.98	0858.48	0854.82	0850.03	0848.84	0852.28	0857.18	0864.48	0865.44	0865.88	0864.38	0861.88	20
21	0861.84	0858.43	0854.48	0848.78	0848.80	0852.83	0857.28	0864.48	0865.47	0865.58	0864.38	0861.48	21
22	0861.73	0858.41	0854.30	0848.48	0848.81	0852.73	0857.42	0864.51	0865.45	0865.52	0864.28	0861.33	22
23	0861.62	0858.32	0854.12	0848.38	0849.06	0852.83	0857.80	0864.48	0865.48	0865.47	0864.20	0861.28	23
24	0861.58	0858.12	0853.83	0849.02	0849.33	0852.87	0857.83	0864.54	0865.44	0865.82	0864.14	0861.13	24
25	0861.47	0857.87	0853.88	0849.02	0849.42	0852.72	0857.83	0864.58	0865.44	0865.84	0864.08	0861.04	25
26	0861.38	0857.82	0853.43	0849.03	0849.80	0852.81	0858.08	0864.58	0865.51	0865.84	0864.05	0860.85	26
27	0861.27	0857.83	0853.24	0848.83	0848.88	0852.72	0858.28	0864.84	0865.58	0865.53	0863.88	0860.80	27
28	0861.13	0857.47	0853.08	0848.84	0849.83	0852.88	0858.38	0864.84	0865.53	0865.51	0863.94	0860.88	28
29	0861.01		0852.81	0848.85	0849.82	0853.02	0858.38	0864.82	0865.50	0865.50	0863.89	0860.83	29
30	0860.88		0852.74	0848.80	0849.83	0853.17	0858.48	0864.88	0865.44	0865.47	0863.81	0860.38	30
31	0860.83		0852.84		0850.08		0858.74	0864.73		0865.47		0860.30	31
MEAN	862.25	859.18	855.22	850.40	848.81	851.81	856.34	863.35	865.25	865.51	864.71	862.05	MEAN
MAX	0863.48	0860.78	0857.44	0852.34	0850.08	0853.17	0858.74	0864.73	0865.58	0865.84	0865.47	0863.74	MAX
MIN	0860.83	0857.47	0852.84	0848.80	0848.34	0848.86	0853.38	0858.04	0864.73	0865.38	0863.81	0860.30	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MEAN, 858.74
MAXIMUM DAILY, 0865.84 ON OCT 18
MINIMUM DAILY, 0848.34 ON MAY 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 56 14 N
LONG 115 34 49 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
5 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRAZEAU RIVER BELOW BRAZEAU PLANT - STATION NO. 05DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.2	35.1	22.2	84.1	48.0	48.8	2.01	9.48	82.2	38.1	10.4	44.7	1
2	34.3	85.2	87.4	87.1	12.3	50.5	37.7	0.806	55.8	56.5	26.2	43.4	2
3	22.7	81.0	54.8	88.8	4.11	48.7	25.2	0.650	48.9	7.80	29.1	59.2	3
4	19.3	82.4	56.8	31.5	44.1	57.1	0.821	0.821	40.3	37.0	26.7	88.8	4
5	85.4	83.8	89.2	35.9	38.1	34.8	20.9	10.3	35.9	15.0	43.9	89.0	5
6	86.4	82.7	80.7	86.4	82.8	0.736	30.3	10.8	39.2	29.5	40.0	42.7	6
7	85.8	14.4	8.01	71.8	86.2	0.881	82.2	14.5	31.7	33.8	34.7	40.8	7
8	86.8	16.7	9.84	84.3	82.2	49.3	38.8	19.2	33.4	31.5	71.4	47.8	8
9	84.8	80.4	83.5	85.8	14.3	40.0	35.0	18.3	48.7	29.3	44.7	86.8	9
10	18.8	80.8	80.7	88.1	7.42	44.1	30.3	0.881	36.8	8.18	46.4	48.8	10
11	17.2	82.2	110	31.8	86.8	86.2	10.8	12.8	34.8	1.78	43.2	84.3	11
12	81.8	84.8	87.8	43.5	47.7	85.0	0.806	35.8	8.00	1.10	46.8	42.7	12
13	82.3	83.8	88.0	85.8	88.2	39.8	41.8	86.2	8.23	47.4	86.2	72.8	13
14	81.4	38.7	18.3	84.3	80.3	38.1	39.3	28.5	16.8	38.7	42.5	44.3	14
15	81.1	22.3	17.8	85.4	32.2	88.2	83.3	33.6	37.8	28.3	42.0	49.4	15
16	84.4	81.8	74.4	83.8	4.33	43.5	42.2	34.3	42.4	18.1	42.8	82.8	16
17	34.7	88.4	72.0	37.4	4.86	84.2	37.8	48.3	88.8	0.881	48.4	85.8	17
18	35.7	82.5	70.7	38.8	3.43	83.6	10.4	108	35.7	2.10	43.7	80.0	18
19	49.8	82.2	88.8	32.1	42.8	73.5	0.821	110	27.8	23.4	81.8	44.0	19
20	87.1	83.1	72.4	88.3	31.1	18.5	35.7	88.3	12.1	81.3	80.8	48.1	20
21	88.7	18.8	82.4	88.1	37.8	8.37	38.8	88.4	32.8	34.4	8.04	43.7	21
22	84.2	13.0	48.8	74.7	28.8	37.0	32.8	84.8	40.0	38.0	88.8	41.8	22
23	85.8	82.7	88.7	73.8	2.07	37.7	42.8	108	33.1	42.0	48.0	40.8	23
24	37.8	88.7	70.3	73.7	4.18	88.4	37.4	88.8	40.7	11.8	37.3	48.3	24
25	38.4	88.2	88.8	30.8	48.7	88.8	8.88	83.1	35.3	8.44	38.3	48.8	25
26	88.1	83.2	88.7	33.8	38.8	88.8	3.17	88.8	8.30	31.1	45.8	82.4	26
27	84.0	81.8	70.4	84.1	42.1	14.4	36.8	100	8.71	28.7	48.7	88.8	27
28	84.8	34.8	42.4	88.3	43.2	1.87	44.8	84.8	48.0	34.0	8.03	82.0	28
29	83.7		42.8	84.8	43.8	27.8	73.2	82.0	84.3	37.8	38.0	83.4	29
30	88.2		88.8	48.2	8.18	28.8	23.8	40.8	84.7	31.0	82.4	88.7	30
31	34.8		87.3		8.88		3.81	80.8		30.8		23.8	31
TOTAL	1 384.4	1 438.8	1 780.88	1 705.1	1 023.88	1 238.487	802.218	1 401.428	1 078.04	805.331	1 234.47	1 877.8	TOTAL
MEAN	46.0	51.4	88.8	88.8	33.0	41.3	28.1	45.2	35.8	26.0	41.3	80.8	MEAN
MAX	88.1	88.2	110	84.3	80.3	88.8	73.2	110	84.7	88.8	71.4	72.8	MAX
MIN	11.2	13.0	8.01	30.8	2.07	0.736	0.821	0.821	8.23	0.881	8.04	23.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1987

MEAN, 42.8
MAXIMUM DAILY, 110 ON MAR 11
MINIMUM DAILY, 0.881 ON OCT 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 45 N
LONG 115 21 50 W
DRAINAGE AREA, 5 880 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	120 000	JUL	78 000
FEB	124 000	AUG	121 000
MAR	151 000	SEP	93 000
APR	147 000	OCT	88 800
MAY	88 800	NOV	107 000
JUN	107 000	DEC	138 000

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1980

TOTAL DISCHARGE, 1 340 000 dam³

BRAZEAU RIVER BELOW CARDINAL RIVER - STATION NO. 05DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	32.6	36.4	55.1	105	51.1	28.6	17.2E	---	1
2	---	---	---	---	38.2	33.3	57.2	157	51.6	28.2	18.9E	---	2
3	---	---	---	---	25.1	30.0	60.3	138	52.7	25.6	18.8E	---	3
4	---	---	---	---	31.1	31.3	70.2	135	49.7	27.8	18.4A	---	4
5	---	---	---	---	19.7	47.1	80.6	132	47.4	28.7	---	---	5
6	---	---	---	---	19.6	75.6	95.2	114	47.0	25.7	---	---	6
7	---	---	---	---	24.0	68.3	83.6	97.4	46.2	25.0	---	---	7
8	---	---	---	---	38.7	65.6	74.4	90.9	42.8	24.5	---	---	8
9	---	---	---	---	46.8	73.2	74.2	89.0	41.3	23.2	---	---	9
10	---	---	---	---	43.6	78.6	78.6	110	40.2	22.6	---	---	10
11	---	---	---	---	34.2	86.1	87.3	104	38.3	22.7	---	---	11
12	---	---	---	---	34.3	87.6	84.6	93.5	38.4	22.2	---	---	12
13	---	---	---	---	35.6	86.7	81.3	81.3	37.6	21.6	---	---	13
14	---	---	---	---	29.5	89.6	89.6	86.6	37.4	21.6	---	---	14
15	---	---	---	---	27.3	73.3	80.6	83.0	40.3	21.3	---	---	15
16	---	---	---	---	26.9	78.6	86.5	79.4	39.4	21.1	---	---	16
17	---	---	---	---	28.7	77.6	87.4	77.8	38.0	20.4E	---	---	17
18	---	---	---	---	28.4	87.5	85.8	71.6	33.8	19.3E	---	---	18
19	---	---	---	---	29.9	84.7	82.8	67.8	32.2	20.0E	---	---	19
20	---	---	---	---	26.6	84.0	82.0	64.6	30.6	19.8E	---	---	20
21	---	---	---	---	25.7	71.6	82.6	63.6	29.3	19.3E	---	---	21
22	---	---	---	---	25.0	68.2	86.0	59.5	28.5	18.0E	---	---	22
23	---	---	---	---	25.6	66.6	87.2	57.6	28.2	19.0E	---	---	23
24	---	---	---	---	28.0	47.6	86.7	61.0	26.0	20.3E	---	---	24
25	---	---	---	---	26.6	41.6	89.4	59.6	27.6	19.2E	---	---	25
26	---	---	---	---	31.3	42.9	86.6	56.6	30.6	17.6E	---	---	26
27	---	---	---	---	40.1	46.6	83.4	54.2	32.1	16.4E	---	---	27
28	---	---	---	12.8A	44.4	52.8	81.4	53.2	29.7	16.0E	---	---	28
29	---		---	20.4	46.6	52.8	81.6	57.1	26.3	17.6E	---	---	29
30	---		---	23.6	44.2	54.6	83.4	53.8	27.3	17.8E	---	---	30
31	---		---		43.4		85.9	51.4		17.6E		---	31
TOTAL	---	---	---	---	988.6	1 769.3	1 882.0	2 804.4	1 124.5	687.0	---	---	TOTAL
MEAN	---	---	---	---	31.9	59.0	83.8	84.0	37.5	21.8	---	---	MEAN
MAX	---	---	---	---	46.8	78.8	95.2	157	52.7	27.8	---	---	MAX
MIN	---	---	---	---	19.7	30.0	52.0	51.4	27.3	17.6	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.7
MAXIMUM DAILY, 157 ON AUG 2
MINIMUM DAILY, 17.6E ON OCT 29
MAXIMUM INSTANTANEOUS,
180 AT 23:59 MST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 50 N
LONG 115 34 40 W
DRAINAGE AREA, 2 590 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	171 000
FEB	---	AUG	226 000
MAR	---	SEP	97 200
APR	---	OCT	57 800
MAY	85 400	NOV	---
JUN	153 000	DEC	---

TOTAL DISCHARGE, 789 800 dam³

BREWSTER CREEK NEAR BANFF - STATION NO. 05BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.06 E	2.55E	1.63	1.62	0.900	0.528	---	---	1
2	---	---	---	---	1.20 E	1.80E	1.84	1.44	1.03	0.519	---	---	2
3	---	---	---	---	1.04 E	1.48E	2.06	1.28	1.28	0.504	---	---	3
4	---	---	---	---	0.958A	1.38A	2.02	1.29	1.18	0.508	---	---	4
5	---	---	---	---	0.817	2.00E	2.13	1.31	1.08	0.496	---	---	5
6	---	---	---	---	1.27	3.30E	2.37	1.25	1.10	0.488	---	---	6
7	---	---	---	---	1.90	5.38A	2.07	1.18	1.05	0.480	---	---	7
8	---	---	---	---	2.84 A	5.00E	1.98	1.13	0.988	0.475	---	---	8
9	---	---	---	---	3.49 E	4.80E	1.83	1.09	0.945	0.469	---	---	9
10	---	---	---	---	3.50 E	4.80E	2.22	1.29	0.893	0.463	---	---	10
11	---	---	---	---	2.72 A	4.85E	2.03	1.55	0.836	0.446	---	---	11
12	---	---	---	---	4.19 A	4.00E	1.84	1.34	0.813	0.438	---	---	12
13	---	---	---	---	4.32 E	3.50E	1.67	1.38	0.788	0.427	---	---	13
14	---	---	---	---	2.88	3.45E	1.63	1.56	0.772	0.432	---	---	14
15	---	---	---	---	2.89	3.90A	1.80	1.87	0.816	0.434	---	---	15
16	---	---	---	---	2.66	5.73	1.71	1.83	0.763	0.431	---	---	16
17	---	---	---	---	2.37	5.17	1.67	1.55	0.725	0.426	---	---	17
18	---	---	---	---	2.25	3.81	1.58	1.44	0.663	0.4138	---	---	18
19	---	---	---	---	2.13	3.30	1.71	1.38	0.656	0.4048	---	---	19
20	---	---	---	---	1.88	3.24	1.63	1.47	0.624	0.3988	---	---	20
21	---	---	---	---	1.69	4.18	1.88	1.44	0.602	0.383	---	---	21
22	---	---	---	---	1.62	3.63	2.07	1.34	0.591	0.3888	---	---	22
23	---	---	---	---	1.38	2.69	2.05	1.28	0.566	0.3839	---	---	23
24	---	---	---	---	1.28	2.12	1.87	1.21	0.571	0.366	---	---	24
25	---	---	---	---	1.30	1.90	1.82	1.18	0.591	0.3709	---	---	25
26	---	---	---	---	1.51	2.00	1.67	1.10	0.627	0.3488	---	---	26
27	---	---	---	---	1.73	2.19	1.77	1.05	0.618	0.3388	---	---	27
28	---	---	---	---	2.11 A	2.08	1.71	1.02	0.584	0.3288	---	---	28
29	---		---	---	2.68 A	2.00	1.84	1.01	0.567	0.3288	---	---	29
30	---		---	---	2.88 E	1.91	1.80	0.988	0.532	0.3288	---	---	30
31	---		---		2.60 E		1.84	0.918		0.3408		---	31
TOTAL	---	---	---	---	58.515	87.85	58.81	40.287	23.718	13.088	---	---	TOTAL
MEAN	---	---	---	---	2.15	3.26	1.88	1.30	0.791	0.422	---	---	MEAN
MAX	---	---	---	---	4.32	5.73	2.37	1.87	1.28	0.528	---	---	MAX
MIN	---	---	---	---	0.817	1.38	1.58	0.918	0.532	0.335	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 5.73 ON JUN 16
MINIMUM DAILY, 0.335S ON OCT 28
MAXIMUM INSTANTANEOUS,
5.14 AT 22:15 MST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 55 N
LONG 115 38 55 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 080
FEB	---	AUG	3 480
MAR	---	SEP	2 080
APR	---	OCT	1 130
MAY	5 750	NOV	---
JUN	8 440	DEC	---

TOTAL DISCHARGE, 25 900 dam³

BRIDLEBIT CREEK NEAR VALLEYVIEW - STATION NO. 07CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0158	0.020	0.020	0.001	0.374	0.036	0.002	0.0028	---	1
2	---	0 B	0 B	0.0208	0.023	0.007	0	1.02	0.104	0	0.0018	---	2
3	---	---	---	0.0218	0.022	0	0	1.03	0.195	0.001	---	---	3
4	---	---	---	0.0308	0.024	0	0	0.535	0.087	0.004	---	---	4
5	0.0028	---	---	0.0278	0.028	0	0	0.446	0.019	0.003	---	---	5
6	---	---	---	0.0298	0.038	0.007	0	0.319	0.011	0.003	---	---	6
7	---	---	---	0.0278	0.030	0.001	0	0.225	0.008	0.001	---	---	7
8	---	---	---	0.0488	0.018	0	0	0.195	0.006	0.001	---	---	8
9	---	0.0018	---	0.0618	0.014	0	0	0.149	0.005	0.001	---	---	9
10	---	---	---	0.0518	0.017	0	0	0.209	0.005	0	---	---	10
11	---	---	---	0.0848	0.022	0	0	0.223	0.005	0	---	---	11
12	0.0018	---	---	0.0778	0.025	0	0	0.216	0.004	0.001	---	---	12
13	---	---	---	0.0818	0.013	0	0	0.197	0.003	0.001	---	---	13
14	---	---	---	0.0738	0.018	0	0	0.149	0.002	0.001	---	---	14
15	---	---	---	0.0878	0.019	0	0	0.112	0.002	0.001	---	---	15
16	---	0 B	---	0.0548	0.018	0.001	0	0.088	0.001	0.002	---	---	16
17	---	---	---	0.0488	0.017	0.009	0	0.098	0	0.003	---	---	17
18	---	---	---	0.0458	0.024	0.043	0	0.088	0.001	0.003	---	---	18
19	0.0018	---	0.0018	0.0388	0.082	0.032	0	0.075	0.001	0.002	---	---	19
20	---	---	---	0.0388	0.082	0.011	0	0.079	0.001	0.002	---	---	20
21	---	---	---	0.0308	0.058	0.012	0	0.096	0	0.002	---	---	21
22	---	---	---	0.024	0.084	0.013	0	0.111	0	0.003	---	---	22
23	---	0.0018	0 B	0.022	0.045	0.015	0	0.083	0.002	0.003	---	---	23
24	---	---	---	0.018	0.040	0.018	0	0.035	0.002	0.003	---	---	24
25	---	---	---	0.020	0.052	0.008	0	0.022	0.003	0.003	---	---	25
26	0.0018	---	---	0.018	0.021	0.008	0	0.018	0.003	0.0028	---	---	26
27	---	---	---	0.019	0.021	0.001	0	0.029	0.002	0.0028	---	---	27
28	---	---	---	0.021	0.020	0.011	0	0.035	0.003	0.0028	---	---	28
29	---		---	0.018	0.037	0.011	0	0.024	0.003	0.0028	---	---	29
30	---		---	0.018	0.300	0.002	0	0.021	0.003	0.0028	---	---	30
31	---		---		0.173		0.018	0.029		0.0028		---	31
TOTAL	---	---	---	1.105	1.318	0.337	0.017	8.398	0.485	0.057	---	---	TOTAL
MEAN	---	---	---	0.037	0.043	0.011	0.001	0.208	0.016	0.002	---	---	MEAN
MAX	---	---	---	0.081	0.300	0.089	0.018	1.03	0.195	0.004	---	---	MAX
MIN	---	---	---	0.015	0.013	0	0	0.015	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.03 ON AUG 3
MINIMUM DAILY, 0 ON JUN 3
MAXIMUM INSTANTANEOUS,
1.24 AT 18:40 MST ON MAY 30

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 117 44 02 W
DRAINAGE AREA, 19.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.67
FEB	---	AUG	553
MAR	---	SEP	41.8
APR	95.5	OCT	4.92
MAY	114	NOV	---
JUN	29.1	DEC	---

TOTAL DISCHARGE, 840 dam³

BROWN CREEK AT FORESTRY ROAD - STATION NO. 05DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.750E	0.682	0.541	6.46	1.95	0.814E	0.548	---	1
2	---	---	---	---	0.765E	0.693	0.481	28.0	1.85	0.815E	0.548	---	2
3	---	---	---	---	0.780E	0.596	0.376	18.2	1.74	0.792E	0.540A	---	3
4	---	---	---	---	0.800E	0.586	0.759	15.4	1.80	0.777E	---	---	4
5	---	---	---	---	0.500E	0.572	1.14	14.8	1.63	0.777E	---	---	5
6	---	---	---	---	0.400E	0.582	2.23	12.3	1.38	0.765A	---	---	6
7	---	---	---	---	0.323A	0.572	2.44	10.2	1.34	0.780	---	---	7
8	---	---	---	---	0.325	0.528	3.06	8.80	1.23	0.748	---	---	8
9	---	---	---	---	0.324	0.530	3.36	8.27	1.23	0.685	---	---	9
10	---	---	---	---	0.313	0.550	5.03	14.7	1.18	0.851	---	---	10
11	---	---	---	---	0.338	0.542	5.03	12.7	1.08	0.883	---	---	11
12	---	---	---	---	0.340	0.486	4.18	11.8	0.997	0.851	---	---	12
13	---	---	---	---	0.368	0.441	3.53	11.8	0.933	0.881	---	---	13
14	---	---	---	---	0.388	0.424	2.88	10.8	0.918	0.807	---	---	14
15	---	---	---	---	0.384	0.401	2.44	10.1	1.00 E	0.889	---	---	15
16	---	---	---	---	0.358	0.811	2.31	9.10	0.878E	0.871	---	---	16
17	---	---	---	---	0.338	1.14	2.33	8.01	0.825E	0.814	---	---	17
18	---	---	---	---	0.310	0.830	2.76	7.85	0.814E	0.800	---	---	18
19	---	---	---	---	0.407	0.704	3.04	8.45	0.808E	0.887	---	---	19
20	---	---	---	---	0.404	0.598	2.49	8.13	0.800E	0.820	---	---	20
21	---	---	---	---	0.443	0.770	2.09	8.74	0.788E	0.881	---	---	21
22	---	---	---	---	0.618	0.705	2.23	9.00	0.789E	0.420	---	---	22
23	---	---	---	---	0.942	0.695	2.08	8.44	0.792E	0.824	---	---	23
24	---	---	---	---	1.12	0.883	1.74	8.58	0.788E	0.830	---	---	24
25	---	---	---	---	1.14	0.527	1.83	8.33	0.780E	0.801	---	---	25
26	---	---	---	---	0.971	0.480	2.25	3.73	1.00 E	0.478	---	---	26
27	---	---	---	0.885A	0.908	0.451	1.73	3.18	0.892E	0.826	---	---	27
28	---	---	---	0.875E	0.898	0.587	1.43	2.78	0.898E	0.877	---	---	28
29	---		---	0.700E	0.888	0.582	1.23	3.48	0.844E	0.884	---	---	29
30	---		---	0.725E	0.815	0.618	1.28	2.76	0.821E	0.880	---	---	30
31	---		---		0.778		1.48	2.38		0.880		---	31
TOTAL	---	---	---	---	18.193	18.178	70.887	277.43	32.484	18.848	---	---	TOTAL
MEAN	---	---	---	---	0.587	0.606	2.28	8.95	1.08	0.831	---	---	MEAN
MAX	---	---	---	---	1.14	1.14	5.03	28.0	1.95	0.815	---	---	MAX
MIN	---	---	---	---	0.310	0.401	0.376	2.38	0.788	0.420	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.37
MAXIMUM DAILY, 28.0 ON AUG 2
MINIMUM DAILY, 0.310 ON MAY 18
MAXIMUM INSTANTANEOUS,
30.0 AT 23:43 MST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 40 N
LONG 116 21 20 W
DRAINAGE AREA, 218 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 110
FEB	---	AUG	24 000
MAR	---	SEP	3 810
APR	---	OCT	1 980
MAY	1 870	NOV	---
JUN	1 870	DEC	---

TOTAL DISCHARGE, 37 800 dam³

BUCHANAN CREEK NEAR MANNING - STATION NO. 07HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1508 B	0.169	0.005	0.008	0.009	0.087	0.001	---	---	1
2	---	---	0 B	0.1008 B	0.111	0.003	0.006	0.147	0.058	0	---	---	2
3	---	---	0 B	0.2508 B	0.091	0.002	0.007	1.08	0.054	0	---	---	3
4	---	---	0 B	0.5008 B	0.066	0.011	0.006	0.514	0.050	0	---	---	4
5	---	---	0 B	1.00 B	0.052	0.002	0.006	0.355	0.045	0	---	---	5
6	---	---	0 B	1.50 B	0.052	0.001	0.005	0.848	0.039	0	---	---	6
7	---	---	0 B	2.00 B	0.053	0	0.005	0.812	0.034	0	---	---	7
8	---	---	0 B	2.87 B	0.034	0	0.005	0.780	0.030	0	---	---	8
9	---	---	0 B	3.71 B	0.036	0	0.005	0.720	0.025	0	---	---	9
10	---	---	0 B	5.00 B	0.018	0	0.005	0.720	0.020	0	---	---	10
11	---	---	0 B	17.4	0.018	0	0.005	0.780	0.015	0	---	---	11
12	---	---	0 B	22.4	0.013	0	0.005	0.780	0.014	0	---	---	12
13	---	---	0 B	9.15	0.012	0	0.005	0.800	0.012	0	---	---	13
14	---	---	0 B	4.38	0.006	0	0.004	0.780	0.010	0	---	---	14
15	---	---	0 B	3.08	0.005	0	0.003	0.885	0.011	0	---	---	15
16	---	---	0 B	2.38	0.012	0.001	0.003	0.587	0.011	0	---	---	16
17	---	---	0 B	1.80	0.008	0.001	0.003	0.477	0.010	0	---	---	17
18	---	---	0 B	1.61	0.006	0.003	0.003	0.488	0.010	0	---	---	18
19	---	---	0 B	1.18	0.036	0.002	0.002	0.388	0.009	0	---	---	19
20	---	---	0 B	0.877	0.088	0.003	0.003	0.340	0.008	0	---	---	20
21	---	---	0 B	0.550	0.008	0.564	0.003	0.312	0.007	0	---	---	21
22	---	---	0 B	0.485	0.004	0.005	0.002	0.288	0.005	0	---	---	22
23	---	---	0 B	0.348	0.003	0.005	0.002	0.278	0.005	0	---	---	23
24	---	---	0 B	0.410	0.003	0.005	0.003	0.264	0.004	0	---	---	24
25	---	---	0 B	0.580	0.002	0.005	0.001	0.215	0.003	0	---	---	25
26	---	0B	0 B	0.328	0.003	0.005	0.001	0.177	0.003	0	---	---	26
27	---	0B	0 B	0.174	0.005	0.005	0.001	0.188	0.003	0	---	---	27
28	---	0B	0 B	0.120	0.005	0.007	0	0.125	0.002	0.001	---	---	28
29	---		0.0018	0.188	0.006	0.007	0	0.104	0.002	0.001A	---	---	29
30	---		0.0508	0.408	0.007	0.008	0	0.087	0.001	0.001E	---	---	30
31	---		0.2008		0.007		0.001	0.075		0.001E		---	31
TOTAL	---	---	0.251	84.751	0.843	0.651	0.113	14.884	0.589	0.005	---	---	TOTAL
MEAN	---	---	0.008	2.83	0.030	0.003	0.004	0.483	0.018	0	---	---	MEAN
MAX	---	---	0.200	22.4	0.188	0.011	0.008	1.08	0.087	0.001	---	---	MAX
MIN	---	---	0	0.100	0.002	0	0	0.008	0.001	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.415
MAXIMUM DAILY, 22.4 ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
30.8 AT 22:30 MST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 53 42 N
LONG 117 39 16 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.76
FEB	---	AUG	1 280
MAR	21.7	SEP	48.2
APR	7 320	OCT	0.43
MAY	81.5	NOV	---
JUN	7.86	DEC	---

TOTAL DISCHARGE, 8 780 dam³

BUFFALO CREEK AT HIGHWAY NO. 41 - STATION NO. 06FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0088	0.372	0.088E	0 E	0	0.018	0.093	---	---	1
2	---	---	0 B	0.0758	0.327	0.098E	0 E	0	0.023	0.098	---	---	2
3	---	---	0 B	0.3708	0.318	0.080E	0 E	0	0.045	0.088	---	---	3
4	---	---	0 B	1.08 B	0.310	0.088E	0 E	0	0.096	0.101	---	---	4
5	---	---	0 B	2.06 B	0.301	0.088E	0 E	0 A	0.092	0.101	---	---	5
6	---	---	0 B	3.70 B	0.291	0.040E	0.002	0.031	0.093	0.104	---	---	6
7	---	---	0 B	4.50 B	0.252	0.038E	0.008	0.024	0.047	0.102	---	---	7
8	---	---	0 B	4.72 B	0.234	0.030E	0.003	0.007	0.092	0.105	---	---	8
9	---	---	0 B	4.82 B	0.207	0.028E	0.023	0.001	0.294	0.101	---	---	9
10	---	---	0 B	4.86 B	0.191	0.021E	0.038	0.001	0.389	0.098	---	---	10
11	---	---	0 B	4.21 B	0.211	0.018E	0.028	0.004	0.354	0.092	---	---	11
12	---	---	0 B	3.88	0.188	0.013E	0.015	0.015	0.274	0.090	---	---	12
13	---	---	0 B	3.63	0.211	0.009E	0.009	0.020	0.205	0.080	---	---	13
14	---	---	0 B	3.48	0.208	0.007E	0.003	0.018	0.145	0.069	---	---	14
15	---	---	0 B	3.32	0.180	0.008E	0.001	0.010	0.099	0.085	---	---	15
16	---	---	0 B	3.18	0.172	0.004E	0.001	0.007	0.085	0.082	---	---	16
17	---	---	0 B	3.07 A	0.151	0.003E	0.001	0.018	0.050	0.085	---	---	17
18	---	---	0 B	3.10 E	0.147	0.003E	0.001	0.012	0.041	0.080	---	---	18
19	---	---	0 B	1.50 E	0.207	0.001E	0.004	0.018	0.045	0.077	---	---	19
20	---	---	0 B	0.980A	0.288	0 E	0.023	0.038	0.038	0.078	---	---	20
21	---	---	0 B	0.883	0.230	0 E	0.038	0.038	0.082	0.078	---	---	21
22	---	---	0 B	0.729	0.183	0 E	0.033	0.031	0.066	0.078	---	---	22
23	---	---	0 B	0.841	0.184	0 E	0.027	0.028	0.062	0.070	---	---	23
24	---	---	0 B	0.595	0.138A	0 E	0.033	0.018	0.039	0.085	---	---	24
25	---	---	0 B	0.518	0.106E	0 E	0.025	0.012	0.078	0.088	---	---	25
26	---	---	0 B	0.478	0.081E	0 E	0.019	0.008	0.080	0.070	---	---	26
27	---	---	0 B	0.434	0.137A	0 E	0.004	0.003	0.091	0.078A	---	---	27
28	---	---	0 B	0.423	0.198	0 E	0.001	0.008	0.088	0.085E	---	---	28
29	---		0.001B	0.389	0.128E	0 E	0	0.015	0.082	0.087E	---	---	29
30	---		0.001B	0.389	0.110E	0 E	0	0.017	0.087	0.084E	---	---	30
31	---		0 0038		0.098E		0	0.017		0.081E		---	31
TOTAL	---	---	0.004	80.711	6.342	0.600	0.331	0.388	3.295	2.975	---	---	TOTAL
MEAN	---	---	0	2.02	0.206	0.020	0.011	0.013	0.110	0.088	---	---	MEAN
MAX	---	---	0.002	4.82	0.373	0.088	0.038	0.038	0.388	0.105	---	---	MAX
MIN	---	---	0	0.008	0.081	0	0	0	0.018	0.085	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.303
MAXIMUM DAILY, 4.828 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.908 AT 07:50 MST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 38 N
LONG 110 51 57 W
DRAINAGE AREA, 709 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20.6
FEB	---	AUG	34.2
MAR	0.36	SEP	205
APR	6 280	OCT	231
MAY	848	NOV	---
JUN	91.8	DEC	---

TOTAL DISCHARGE, 8 430 dam³

BUFFALO LAKE NEAR ERSKINE - STATION NO. 05CD005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	780.244	---	---	---	---	---	1
2	---	---	---	---	---	---	---	780.190	780.181	---	---	---	2
3	---	---	780.285	---	---	780.348	---	---	---	---	780.047	---	3
4	---	---	---	---	---	---	---	---	---	780.107	---	---	4
5	---	---	---	---	780.407	---	780.221	780.188	---	---	---	---	5
6	---	---	---	---	---	---	---	---	780.181	---	---	---	6
7	---	---	---	780.336	---	780.324	---	---	---	780.103	---	---	7
8	---	---	---	---	---	---	780.217	---	---	---	---	---	8
9	---	---	---	---	780.407	---	---	780.188	780.181	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	780.083	---	---	11
12	---	---	---	---	780.403	780.310	780.220	780.187	---	---	---	---	12
13	---	---	---	---	---	---	---	---	780.184	---	---	---	13
14	---	---	---	---	---	780.308	---	---	---	780.084	---	---	14
15	---	---	---	---	780.381	---	780.217	---	---	---	---	---	15
16	---	---	---	---	780.381	---	---	780.178	780.183	---	---	---	16
17	---	---	---	---	---	780.288	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	780.082	---	---	18
19	---	---	---	---	---	---	780.202	780.174	---	---	---	---	19
20	---	---	---	---	780.383	---	780.206	---	780.180	---	---	---	20
21	---	---	---	---	---	780.288	---	---	780.142	780.073	---	---	21
22	---	---	---	---	---	780.285	780.203	---	---	---	---	---	22
23	---	---	---	---	---	---	---	780.170	780.187	---	---	---	23
24	---	---	---	---	780.373	780.278	---	780.178	---	---	---	---	24
25	---	---	780.315	---	780.388	---	---	---	---	780.052	---	---	25
26	---	---	---	---	---	---	780.210	780.170	---	---	---	---	26
27	---	---	---	---	780.384	---	---	---	780.117	---	---	---	27
28	---	---	---	---	---	780.251	---	---	---	780.052	---	---	28
29	---		---	---	---	---	780.218	---	---	---	---	---	29
30	---		---	---	---	---	---	780.170	780.117	---	---	---	30
31	---		---		780.384		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 37 53 N
LONG 112 52 57 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 1 570 km²

BULLPOUND CREEK NEAR THE MOUTH - STATION NO 05CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.013	0	0	0	0	0	0	0	---	1
2	---	---	0	0.015	0	0	0	0	0	0	0	---	2
3	---	---	0	0.004	0	0	0	0	0	0	0	---	3
4	---	---	0	0	0	0	0	0	0	0	0	---	4
5	---	---	0	0	0	0	0	0	0	0	0	---	5
6	---	---	0	0	0	0	0	0	0	0	0	---	6
7	---	---	0	0	0	0	0	0	0	0	0	---	7
8	---	---	0	0	0	0	0	0	0	0	0	---	8
9	---	---	0	0	0	0	0	0	0	0	0	---	9
10	---	---	0	0	0	0	0	0	0	0	0	---	10
11	---	---	0	0	0	0	0	0	0	0	0	---	11
12	---	---	0	0	0	0	0	0	0	0	0	---	12
13	---	---	0	0	0	0	0	0	0	0	0	---	13
14	---	---	0	0	0	0	0	0	0	0	0	---	14
15	---	---	0	0	0	0	0	0	0	0	0	---	15
16	---	---	0	0	0	0	0	0	0	0	0	---	16
17	---	---	0	0	0	0	0	0	0	0	0	---	17
18	---	---	0	0	0	0	0	0	0	0	0	---	18
19	---	---	0	0	0	0	0	0	0	0	0	---	19
20	---	---	0	0	0	0	0	0	0	0	0	---	20
21	---	---	0	0	0	0	0	0	0	0	0	---	21
22	---	---	0	0	0	0	0	0	0	0	0	---	22
23	---	---	0	0	0	0	0	0	0	0	0	---	23
24	---	0A	0	0	0	0	0	0	0	0	0	---	24
25	---	0	0	0	0	0	0	0	0	0	0	---	25
26	---	0	0	0	0	0	0	0	0	0	0	---	26
27	---	0	0	0	0	0	0	0	0	0	0A	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.032	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.015	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.015 ON APR 2
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.040 AT 13:50 MST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 58 N
LONG 111 55 44 W
DRAINAGE AREA, 1 470 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2.76	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2.76 dam³

BULLPOUND CREEK NEAR WATTS - STATION NO. 05CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.0838	0.004	0	0	0	0	0	0	---	1
2	---	---	0	B	0.886	0.002	0	0	0	0	0	0A	---	2
3	---	---	0	B	1.83	0.002	0	0	0	0	0	---	---	3
4	---	---	0	B	1.68	0	0	0	0	0	0	---	---	4
5	---	---	0	B	1.32	0	0	0	0	0	0	---	---	5
6	---	---	0	B	0.820	0	0	0	0	0	0	---	---	6
7	---	---	0	B	0.880	0	0	0	0	0	0	---	---	7
8	---	---	0	B	0.511	0	0	0	0	0	0	---	---	8
9	---	---	0	B	0.380	0	0	0	0	0	0	---	---	9
10	---	---	0	B	0.237	0	0	0	0	0	0	---	---	10
11	---	---	0	B	0.218	0	0	0	0	0	0	---	---	11
12	---	---	0	B	0.176	0	0	0	0	0	0	---	---	12
13	---	---	0	B	0.140	0	0	0	0	0	0	---	---	13
14	---	---	0	B	0.119	0	0	0	0	0	0	---	---	14
15	---	---	0	B	0.088	0	0	0	0	0	0	---	---	15
16	---	---	0	B	0.081	0	0	0	0	0	0	---	---	16
17	---	---	0	B	0.081	0	0	0	0	0	0	---	---	17
18	---	---	0	B	0.078	0	0	0	0	0	0	---	---	18
19	---	---	0	B	0.067	0	0	0	0	0	0	---	---	19
20	---	---	0	B	0.060	0	0	0	0	0	0	---	---	20
21	---	---	0	B	0.044	0	0	0	0	0	0	---	---	21
22	---	---	0	B	0.045	0	0	0	0	0	0	---	---	22
23	---	08	0	B	0.040	0	0	0	0	0	0	---	---	23
24	---	08	0	B	0.038	0	0	0	0	0	0	---	---	24
25	---	08	0	B	0.036	0	0	0	0	0	0	---	---	25
26	---	08	0	B	0.031	0	0	0	0	0	0	---	---	26
27	---	08	0	B	0.026	0	0	0	0	0	0	---	---	27
28	---	08	0	B	0.021	0	0	0	0	0	0	---	---	28
29	---		0	B	0.014	0	0	0	0	0	0	---	---	29
30	---		0.0018		0.010	0	0	0	0	0	0		---	30
31	---		0.0058			0		0			0		---	31
TOTAL	---	---	0.008		9.887	0.008	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0		0.333	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.005		1.83	0.004	0	0	0	0	0	---	---	MAX
MIN	---	---	0		0.010	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 1.83 ON APR 3
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.92 AT 11:50 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 43 N
LONG 113 05 00 W
DRAINAGE AREA, 197 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.52	SEP	0
APR	863	OCT	0
MAY	0.89	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 864 dam³

CADOTTE RIVER AT OUTLET CADOTTE LAKE - STATION NO. 07HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0648	0.168	0.882	0.036	0.018	0.068	1.75	0.913	---	---	1
2	---	---	0.0648	0.176	0.856	0.071	0.014	0.122	1.83	0.808	---	---	2
3	---	---	0.0648	0.198	0.891	0.139	0.011	0.638	1.81	0.705	---	---	3
4	---	---	0.0648	0.250	0.703	0.087	0.012	0.783	1.87	0.613	---	---	4
5	---	---	0.0648	0.302	0.578	0.070	0.013	0.882	1.27	0.488	---	---	5
6	---	---	0.0648	0.377	0.648	0.068	0.010	1.18	1.20	0.348	---	---	6
7	---	---	0.0648	0.555	0.474	0.142	0.010	1.18	1.48	0.348	---	---	7
8	---	---	0.0648	0.820	0.403	0.121	0.011	1.25	1.80	0.188	---	---	8
9	---	---	0.0648	0.894	0.482	0.112	0.010	1.33	1.38	0.247	---	---	9
10	---	---	0.0658	0.882	0.484	0.033	0.011	1.88	1.80	0.241	---	---	10
11	---	---	0.0688	0.885	0.884	0.031	0.010	2.24	1.84	0.235	---	---	11
12	---	---	0.0658	1.07	0.434	0.042	0.008	2.19	1.48	0.070	---	---	12
13	---	---	0.0658	1.10	0.382	0.037	0.008	2.44	1.35	0.150	---	---	13
14	---	---	0.0648	1.10	0.438	0.019	0.007	2.58	1.59	0.137	---	---	14
15	---	---	0.0648	1.16	0.289	0.017	0.005	2.80	1.83	0.101	---	---	15
16	---	---	0.0738	1.14	0.287	0.018	0.008	2.48	1.82	0.032	---	---	16
17	---	---	0.0738	1.07	0.284	0.014	0.010	2.37	1.82	0.038	---	---	17
18	---	---	0.0738	1.07	0.228	0.012	0.011	2.38	1.48	0.035	---	---	18
19	---	---	0.0838	1.07	0.108	0.012	0.008	2.38	1.43	0.061	---	---	19
20	---	---	0.0838	1.11	0.244	0.013	0.008	2.13	1.44	0.071	---	---	20
21	---	---	0.0928	1.00	0.238	0.088	0.010	2.08	1.32	0.083	---	---	21
22	---	---	0.1028	1.01	0.113	0.017	0.008	2.27	1.28	0.109	---	---	22
23	---	---	0.1118	1.08	0.104	0.015	0.008	2.20	1.21	0.118	---	---	23
24	---	0.0738	0.1308	1.07	0.188	0.013	0.008	1.88	1.34	0.074	---	---	24
25	---	0.0738	0.1568	1.03	0.038	0.015	0.009	2.13	1.27	0.087	---	---	25
26	---	0.0738	0.258	1.02	0.048	0.014	0.008	2.27	1.17	0.088	---	---	26
27	---	0.0738	0.258	0.908	0.034	0.018	0.007	2.17	1.13	0.081	---	---	27
28	---	0.0648	0.248	0.823	0.072	0.018	0.007	1.81	0.816	0.121A	---	---	28
29	---		0.257	0.854	0.035	0.018	0.053	1.80	0.921	0.120E	---	---	29
30	---		0.228	0.887	0.039	0.015	0.088	1.88	0.781	0.120E	---	---	30
31	---		0.188		0.062		0.024	1.87		0.120E		---	31
TOTAL	---	---	3.264	25.250	10 783	1.283	0.403	55.434	41.478	6.822	---	---	TOTAL
MEAN	---	---	0.105	0.842	0.348	0.043	0.013	1.79	1.38	0.220	---	---	MEAN
MAX	---	---	0.258	1.16	0.882	0.142	0.088	2.80	1.76	0.913	---	---	MAX
MIN	---	---	0.045	0.168	0.034	0.012	0.005	0.068	0.781	0.033	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.581
MAXIMUM DAILY, 2.80 ON AUG 15
MINIMUM DAILY, 0.005 ON JUL 15
MAXIMUM INSTANTANEOUS,
2.87 AT 12:00 MST ON AUG 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 29 12 N
LONG 116 35 55 W
DRAINAGE AREA, 881 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	35.3
FEB	---	AUG	4 780
MAR	284	SEP	3 530
APR	3 180	OCT	589
MAY	932	NOV	---
JUN	111	DEC	---

TOTAL DISCHARGE, 13 800 dam³

CAIRN HILL SPILLWAY NEAR THE MOUTH - STATION NO. 05BM012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.086	0.215	0.311	0.145	0.135	0.447	0.002	---	1
2	---	---	---	---	0.053	0.138	0.255	0.124	0.147	0.351	0.002	---	2
3	---	---	---	---	0.048	0.142	0.227	0.103	0.227	0.351	0.002	---	3
4	---	---	---	---	0.038	0.303	0.410	0.091	0.586	0.494	0.002	---	4
5	---	---	---	---	0.032	0.212	0.395	0.089	0.312	0.180	0.002	---	5
6	---	---	---	---	0.030	0.210	0.384	0.087	0.234	0.088	0.003	---	6
7	---	---	---	---	0.028	0.224	0.348	0.080	0.208	0.048	0.003	---	7
8	---	---	---	---	0.027	0.213	0.301	0.130	0.204	0.032	0.003	---	8
9	---	---	---	---	0.039	0.178	0.233	0.178	0.222	0.023	0.003	---	9
10	---	---	---	---	0.024	0.128	0.218	0.240	0.208	0.018	0.003	---	10
11	---	---	---	---	0.038	0.122	0.207	0.260	0.181	0.012	0.003	---	11
12	---	---	---	---	0.038	0.117	0.187	0.239	0.182	0.010	0.004	---	12
13	---	---	---	---	0.031	0.100	0.152	0.252	0.170	0.008	0.004	---	13
14	---	---	---	---	0.027	0.088	0.121	0.300	0.158	0.007	0.004	---	14
15	---	---	---	---	0.034	0.132	0.211	0.334	0.135	0.007	0.003	---	15
16	---	---	---	---	0.035	0.200	0.250	0.257	0.116	0.005	0.003	---	16
17	---	---	---	---	0.073	0.226	0.267	0.231	0.116	0.005	0.002	---	17
18	---	---	---	---	0.108	0.242	0.283	0.217	0.104	0.005	0.002	---	18
19	---	---	---	---	0.088	0.227	0.467	0.197	0.088	0.005	0.003	---	19
20	---	---	---	---	0.076	0.253	0.336	0.176	0.089	0.004	0.004	---	20
21	---	---	---	---	0.088	0.223	0.314	0.156	0.087	0.003	0.008	---	21
22	---	---	---	---	0.073	0.172	0.313	0.150	0.083	0.003	0.008	---	22
23	---	---	---	---	0.083	0.131	0.270	0.134	0.087	0.002	0.008	---	23
24	---	---	---	---	0.088	0.117	0.210	0.120	0.100	0.002	0.008	---	24
25	---	---	---	---	0.081	0.184	0.184	0.133	0.104	0.002	0.008A	---	25
26	---	---	---	---	0.087	0.168	0.181	0.136	0.114	0.002	0.008E	---	26
27	---	---	---	---	0.105	0.133	0.182	0.131	0.118	0.002	0.003E	---	27
28	---	---	---	---	0.114	0.216	0.156	0.137	0.104	0.002	0.002E	---	28
29	---		---	0.078A	0.116	0.265	0.187	0.140	0.233	0.002	0 E	---	29
30	---		---	0.087	0.101	0.263	0.148	0.137	0.248	0.002	0 E	---	30
31	---		---		0.147		0.141	0.135		0.002		---	31
TOTAL	---	---	---	---	1.954	5.436	7.788	5.293	5.013	2.120	0.101	---	TOTAL
MEAN	---	---	---	---	0.063	0.181	0.251	0.171	0.167	0.068	0.003	---	MEAN
MAX	---	---	---	---	0.147	0.285	0.467	0.334	0.586	0.494	0.008	---	MAX
MIN	---	---	---	---	0.024	0.088	0.121	0.080	0.083	0.002	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.150
MAXIMUM DAILY, 0.586 ON SEP 4
MINIMUM DAILY, 0.002 ON OCT 23

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 30 N
LONG 113 21 05 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	671
FEB	---	AUG	487
MAR	---	SEP	433
APR	---	OCT	183
MAY	188	NOV	8.73
JUN	470	DEC	---

TOTAL DISCHARGE, 2 380 dam³

CALLING LAKE AT RANGER STATION - STATION NO 07CB001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	594.086	594.082	594.028	594.010	593.972	593.896	---	---	1
2	---	---	---	---	594.086	594.077	594.024	593.990	593.982	593.893	---	---	2
3	---	---	---	---	594.076	594.077	594.024	593.980	593.982	593.893	593.743	---	3
4	---	---	---	---	594.086	594.082	594.018	593.981	593.982	593.888	---	---	4
5	---	---	---	---	594.076	594.072	594.018	593.981	593.982	593.883	---	---	5
6	---	---	---	---	594.086	594.072	594.018	593.981	593.982	593.873	---	---	6
7	---	---	---	---	594.081	594.068	594.008	593.981	593.972	593.867	---	---	7
8	---	---	---	---	594.081	594.078	594.008	593.971	593.972	593.863	---	---	8
9	---	---	---	---	594.081	594.073	594.008	593.971	593.972	593.858	---	---	9
10	---	---	---	---	594.076	594.069	594.018	593.981	593.982	593.853	---	---	10
11	---	---	---	---	594.071	594.086	594.008	593.981	593.982	593.848	---	---	11
12	---	---	---	---	594.076	594.083	594.018	593.981	593.982	593.838	---	---	12
13	---	---	---	---	594.076	594.093	594.018	593.981	593.953	593.837	---	---	13
14	---	---	---	---	594.086	594.076	594.008	593.981	593.953	593.838	---	---	14
15	---	---	---	---	594.086	594.073	594.008	593.981	593.953	593.840	---	---	15
16	---	---	---	---	594.081	594.083	594.010	593.981	593.943	593.839	---	---	16
17	---	---	---	---	594.086	594.073	593.980	593.981	593.943	593.840	---	---	17
18	---	---	---	---	594.067	594.076	593.980	593.976	593.943	593.818	---	---	18
19	---	---	---	---	594.087	594.076	593.980	593.981	593.933	593.803	---	---	19
20	---	---	---	---	594.087	594.083	593.980	593.971	593.923	593.798	---	---	20
21	---	---	---	---	594.087	594.088	593.980	593.971	593.913	593.787	---	---	21
22	---	---	---	594.082	594.087	594.088	593.980	593.971	593.918	593.783	---	---	22
23	---	---	---	---	594.072	594.088	593.980	593.981	593.918	593.778	---	---	23
24	---	---	---	---	594.082	594.083	593.980	593.982	593.908	593.778	---	---	24
25	---	---	---	---	594.077	594.083	593.980	593.982	593.909	593.777	---	---	25
26	---	594.063	---	---	594.087	594.088	593.980	593.982	593.918	593.783	---	---	26
27	---	---	---	---	594.087	594.038	593.980	593.982	593.913	593.778	---	---	27
28	---	---	---	---	594.082	594.038	593.980	593.982	593.913	593.777	---	---	28
29	---		---	---	594.087	594.028	593.970	593.982	593.903	593.777	---	---	29
30	---		---	---	594.082	594.028	593.970	593.972	593.888	593.777	---	---	30
31	---		---		594.082		593.980	593.972		593.777		---	31
MEAN	---	---	---	---	594.086	594.068	593.999	593.980	593.944	593.827	---	---	MEAN
MAX	---	---	---	---	594.082	594.083	594.028	594.010	593.982	593.896	---	---	MAX
MIN	---	---	---	---	594.067	594.028	593.980	593.971	593.888	593.777	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 13 38 N
LONG 113 12 05 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

NATURAL FLOW

DRAINAGE AREA, 1 220 km²

CANADIAN ST. MARY CANAL AT DROP NO. 1 - STATION NO. 05AF023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	17.8	85.7	70.1	47.8	9.28	38.7	0	---	1
2	---	---	---	0	18.8	83.8	70.0	47.8	9.02	38.7	0A	---	2
3	---	---	---	0	24.7	83.8	70.4	48.8	8.81	38.8	0E	---	3
4	---	---	---	0	28.7	88.4	73.2	50.8	8.82	33.8	0E	---	4
5	---	---	---	0	27.7	81.7	73.8	50.8	8.84	32.8	0E	---	5
6	---	---	---	0	28.1	83.1	73.1	50.8	8.84	30.8	0E	---	6
7	---	---	---	0	29.8	84.7	71.2	50.8	8.88	27.7	0E	---	7
8	---	---	---	0	33.7	85.3	71.3	51.0	8.88	24.7	0E	---	8
9	---	---	---	0	38.5	88.8	73.1	51.4	8.87	21.0	0E	---	9
10	---	---	---	0	46.7	87.3	73.1	52.4	8.58	13.0	0E	---	10
11	---	---	---	0	47.6	89.8	72.7	55.0	8.49	2.85	0E	---	11
12	---	---	---	0	48.1	70.8	89.8	54.8	8.41	0.395	0E	---	12
13	---	---	---	0	48.7	73.4	89.4	53.8	8.40	0.021	0E	---	13
14	---	---	---	0	53.8	73.8	89.8	52.1	8.39	0	0E	---	14
15	---	---	---	0	55.0	74.8	89.8	52.0	8.89	0	0E	---	15
16	---	---	---	0	55.0	77.8	89.1	48.8	13.7	0	0E	---	16
17	---	---	---	0	59.5	77.8	88.7	43.2	16.8	0	0E	---	17
18	---	---	---	0	58.3	77.7	84.3	38.3	25.8	0	0E	---	18
19	---	---	---	0	59.1	83.4	81.7	35.4	30.8	0	0E	---	19
20	---	---	---	0	59.8	80.8	83.1	30.4	31.0	0	0E	---	20
21	---	---	---	0	58.7	85.8	83.1	20.8	31.0	0	0E	---	21
22	---	---	---	0	59.8	85.0	47.2	14.9	31.0	0	0E	---	22
23	---	---	0A	0	58.8	81.4	43.8	14.3	31.0	0	0E	---	23
24	---	---	0	0	60.0	80.7	43.5	15.1	31.7	0	0E	---	24
25	---	---	0	0	60.2	82.0	43.3	14.9	39.8	0	0E	---	25
26	---	---	0	0	61.2	88.9	43.2	14.5	41.8	0	0E	---	26
27	---	---	0	0	62.8	70.2	43.5	10.6	42.4	0	0E	---	27
28	---	---	0	0	58.8	70.4	46.7	9.52	42.3	0	0E	---	28
29	---	---	0	0.09	58.8	70.3	46.8	9.40	42.3	0	0E	---	29
30	---		0	15.8	58.3	70.2	46.5	9.48	41.1	0		---	30
31	---		0	17.7	58.1		48.2	9.41		0			31
TOTAL	---	---	---	41.29	1 494.8	1 988.9	1 885.4	1 110.88	830.88	394.388	0	---	TOTAL
MEAN	---	---	---	1.38	48.2	66.3	61.1	35.8	20.7	8.50	0	---	MEAN
MAX	---	---	---	17.7	62.8	77.8	73.8	55.0	42.4	38.7	0	---	MAX
MIN	---	---	---	0	17.8	83.8	43.3	9.40	8.38	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 77.8 ON JUN 17
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 05 N
LONG 112 41 53 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	184 000
FEB	---	AUG	98 000
MAR	---	SEP	83 700
APR	3 570	OCT	39 400
MAY	139 000	NOV	0
JUN	172 000	DEC	---

TOTAL DISCHARGE, 844 000 dam³

CANADIAN ST. MARY CANAL NEAR SPRING COULEE - STATION NO 05AE026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	33.4	85.0	77.8	53.0	3.42	40.3	0	---	1
2	---	---	---	0	38.4	81.8	78.1	53.3	3.41	44.3	0A	---	2
3	---	---	---	0	36.6	88.8	77.8	53.3	3.37	44.3	0E	---	3
4	---	---	---	0	42.0	88.8	78.8	97.0	3.40	44.3	0E	---	4
5	---	---	---	0	45.4	83.8	78.8	88.4	3.40	38.8	0E	---	5
6	---	---	---	0	46.3	87.2	78.2	88.8	3.40	32.1	0E	---	6
7	---	---	---	0	52.8	87.4	78.2	88.8	3.40	28.8	0E	---	7
8	---	---	---	0	64.2	71.0	75.3	88.4	7.71	28.8	0E	---	8
9	---	---	---	0	73.8	78.7	73.8	80.1	12.0	28.8	0E	---	9
10	---	---	---	0	73.7	77.8	72.8	89.4	11.8	31.8	0E	---	10
11	---	---	---	0	73.8	79.0	73.2	88.2	14.8	12.8	0E	---	11
12	---	---	---	0	73.8	80.7	73.2	88.4	11.4	0.122	0E	---	12
13	---	---	---	0	73.8	80.8	73.1	82.7	11.3	0.003	0E	---	13
14	---	---	---	0	73.8	81.1	72.7	47.4	11.3	0	0E	---	14
15	---	---	---	0	76.8	82.4	72.8	47.7	14.0	0	0E	---	15
16	---	---	---	0	87.8	83.2	73.8	41.8	22.7	0	0E	---	16
17	---	---	---	0	88.8	83.8	87.8	38.8	31.1	0	0E	---	17
18	---	---	---	0	88.4	83.8	88.7	38.8	34.8	0	0E	---	18
19	---	---	---	0	73.1	77.8	84.1	33.8	34.8	0	0E	---	19
20	---	---	---	0	77.1	87.1	48.2	24.8	34.4	0	0E	---	20
21	---	---	---	0	77.3	87.2	48.4	14.7	34.8	0	0E	---	21
22	---	---	---	0	78.7	87.2	38.4	14.7	34.8	0	0E	---	22
23	---	---	---	0	78.8	84.8	38.8	14.7	34.4	0	0E	---	23
24	---	---	---	0	77.3	84.7	38.8	11.8	34.8	0	0E	---	24
25	---	---	---	0	77.0	87.1	38.8	9.88	34.2	0		---	25
26	---	---	---	0	78.1	78.4	40.0	7.88	34.0	0	0E	---	26
27	---	---	0A	0	78.3	78.1	43.1	3.82	34.0	0	0E	---	27
28	---	---	0	3.83	78.1	77.8	48.3	3.47	34.1	0	0E	---	28
29	---	---	0	18.8	88.1	78.0	83.1	3.37	34.2	0	0E	---	29
30	---		0	28.1	88.3	77.8	83.8	3.38	34.1	0		---	30
31	---		0	28.2	88.2		83.3	3.40		0			31
TOTAL	---	---	---	78.43	2 027.8	3 184.2	1 939.8	1 108.88	817.81	383.228	0	---	TOTAL
MEAN	---	---	---	2.85	65.4	72.8	62.3	35.7	20.8	11.7	0	---	MEAN
MAX	---	---	---	28.2	77.3	83.8	78.8	80.1	34.8	44.3	0	---	MAX
MIN	---	---	---	0	33.4	88.8	39.4	3.37	3.37	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.1
MAXIMUM DAILY, 83.8 ON JUN 17
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 39 N
LONG 113 02 36 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	187 000
FEB	---	AUG	96 500
MAR	---	SEP	83 400
APR	8 480	OCT	31 400
MAY	175 000	NOV	0
JUN	188 000	DEC	---

TOTAL DISCHARGE, 718 000 dam³

CARDINAL RIVER NEAR THE MOUTH - STATION NO. 05BD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.28	2.70	2.47	28.2	7.50	3.84	2.43	---	1
2	---	---	---	---	3.63	2.46	2.33	80.1	7.17	3.83	2.38	---	2
3	---	---	---	---	2.28	2.33	2.28	32.2	7.47	3.48	2.40	---	3
4	---	---	---	---	2.01	2.33	3.62	28.1	6.82	3.88	2.33A	---	4
5	---	---	---	---	1.91	2.72	5.18	29.3	8.52	3.85	---	---	5
6	---	---	---	---	1.97	3.88	7.14	23.0	8.41	3.44	---	---	6
7	---	---	---	---	2.24	3.03	6.87	18.1	8.14	3.43	---	---	7
8	---	---	---	---	2.73	2.84	7.10	16.8	5.88	3.32	---	---	8
9	---	---	---	---	2.88	3.73	8.82	16.0	5.87	3.16	---	---	9
10	---	---	---	---	3.38	3.80	11.2	23.4	5.88	3.17	---	---	10
11	---	---	---	---	3.00	3.11	8.21	19.4	5.38	3.15	---	---	11
12	---	---	---	---	2.17	2.83	7.81	17.4	5.20	3.07	---	---	12
13	---	---	---	---	3.09	2.88	6.80	17.1	5.02	3.07	---	---	13
14	---	---	---	---	1.88	2.70	5.58	15.5	4.97	2.84	---	---	14
15	---	---	---	---	1.98	2.85	4.98	14.1	5.27	2.88	---	---	15
16	---	---	---	---	3.08	3.73	4.81	13.5	4.83	2.87	---	---	16
17	---	---	---	---	3.19	4.49	5.11	14.3	4.78	2.78	---	---	17
18	---	---	---	---	2.23	3.88	7.42	12.8	4.81	2.88	---	---	18
19	---	---	---	---	2.48	3.19	7.38	12.1	4.83	2.78	---	---	19
20	---	---	---	---	3.29	3.38	7.23	11.4	4.37	2.72	---	---	20
21	---	---	---	---	2.31	4.89	7.14	11.8	4.24	2.89	---	---	21
22	---	---	---	---	2.88	3.73	8.23	10.9	4.32	2.88	---	---	22
23	---	---	---	---	3.53	3.08	9.08	10.2	4.14	2.84	---	---	23
24	---	---	---	---	3.68	2.71	7.38	11.8	4.11	2.88	---	---	24
25	---	---	---	---	3.58	2.52	8.87	11.3	4.02	2.80	---	---	25
26	---	---	---	---	3.63	2.64	7.04	10.4	4.81	2.45	---	---	26
27	---	---	---	---	3.88	2.87	6.82	9.82	4.35	2.83	---	---	27
28	---	---	---	2.31A	3.61	2.84	5.45	9.18	3.87	2.83	---	---	28
29	---		---	3.48	3.67	2.80	5.24	8.45	3.83	2.49	---	---	29
30	---		---	3.80	3.28	2.87	5.38	8.53	3.71	2.57	---	---	30
31	---		---		2.99		8.04	8.00		2.48		---	31
TOTAL	---	---	---	---	84.01	92.42	186.33	622.98	155.73	91.87	---	---	TOTAL
MEAN	---	---	---	---	2.71	3.08	8.33	18.9	5.19	2.98	---	---	MEAN
MAX	---	---	---	---	4.28	4.89	11.2	80.1	7.50	3.88	---	---	MAX
MIN	---	---	---	---	1.91	2.33	2.28	8.00	3.71	2.45	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 80.1 ON AUG 2
MINIMUM DAILY, 1.91 ON MAY 5
MAXIMUM INSTANTANEOUS,
71.2 AT 23:38 MST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 04 N
LONG 115 35 43 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 000
FEB	---	AUG	45 200
MAR	---	SEP	13 500
APR	---	OCT	7 920
MAY	7 280	NOV	---
JUN	7 980	DEC	---

TOTAL DISCHARGE, 98 900 dam³

CASCADE POWER DIVERSION NEAR BANFF - STATION NO. 05BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.80	19.3	2.83	16.7	12.0	11.8	5.52	0.170	0.340	0.851	0.388	12.8	1
2	19.6	20.1	17.6	16.8	0.340	4.87	13.8	0.170	0.340	4.13	10.1	13.4	2
3	6.83	20.6	17.7	16.4	0.340	4.39	14.6	0.170	0.388	1.18	10.2	7.33	3
4	8.84	20.6	17.4	0.340	0.340	4.05	8.23	0.170	0.340	0.340	11.3	13.3	4
5	18.4	20.6	17.6	0.340	12.4	3.84	0.388	0.170	0.340	0.340	11.3	8.82	5
6	18.0	21.0	17.6	14.7	18.1	0.340	0.340	0.170	0.340	8.34	11.7	5.83	6
7	16.0	5.89	0.388	14.6	11.2	0.340	0.340	0.838	0.340	0.340	8.36	13.6	7
8	18.3	11.2	0.340	19.6	11.9	1.83	0.340	0.340	0.340	5.89	0.388	13.3	8
9	18.1	21.1	18.4	16.1	0.340	0.340	5.10	0.340	0.340	8.41	12.3	12.8	9
10	9.03	20.6	18.1	15.0	0.340	0.340	1.90	0.388	0.340	5.84	12.2	13.6	10
11	6.74	21.3	16.0	0.340	12.8	0.340	0.398	0.388	0.340	8.08	12.8	12.9	11
12	18.1	21.0	17.6	0.340	14.1	0.340	0.340	0.340	0.340	7.82	12.7	8.18	12
13	14.6	20.6	18.0	14.6	13.6	0.340	0.340	0.340	0.340	2.12	16.6	11.7	13
14	18.1	6.45	0.388	15.0	14.3	0.340	2.82	0.340	0.340	1.89	3.89	12.8	14
15	19.3	4.11	0.340	13.7	14.2	0.340	4.83	0.340	0.340	10.1	5.01	14.2	15
16	19.1	19.3	19.0	9.65	11.8	0.340	5.99	0.340	0.340	11.9	13.0	14.5	16
17	11.7	16.6	16.0	3.34	13.1	0.340	5.75	0.340	0.311	5.56	13.1	14.4	17
18	11.8	16.2	17.8	2.89	11.8	0.340	8.34	0.340	0.198	4.25	12.4	13.8	18
19	19.8	19.5	17.7	3.26	15.8	0.340	0.425	0.340	0.085	8.72	8.83	7.19	19
20	20.5	19.4	18.1	13.1	14.0	0.340	1.38	0.388	0.085	4.30	8.84	8.46	20
21	18.7	4.47	0.388	12.8	15.8	0.340	3.99	0.388	0.113	10.1	3.97	13.4	21
22	20.5	4.16	0.340	13.7	14.5	4.33	3.84	0.388	0.227	8.83	4.22	13.6	22
23	21.2	19.4	18.0	13.3	0.388	0.340	0.388	0.388	0.340	10.1	12.2	13.2	23
24	10.3	17.8	17.8	13.5	0.340	0.340	0.388	0.340	0.340	5.72	13.2	10.4	24
25	10.1	18.2	17.8	2.88	14.7	0.311	0.388	0.340	0.340	3.87	13.2	8.84	25
26	20.8	17.8	18.8	2.82	14.5	5.75	0.388	0.340	0.340	8.80	15.7	10.3	26
27	20.8	18.5	18.8	12.8	15.5	0.388	0.388	0.340	0.340	8.80	13.1	11.1	27
28	20.6	2.80	0.388	13.8	14.4	0.388	0.388	0.340	0.340	8.81	3.88	8.84	28
29	20.6		0.340	11.8	15.5	11.8	2.83	0.340	3.88	10.1	3.89	14.6	29
30	20.6		18.3	11.4	0.388	15.5	0.396	0.340	0.340	10.1	11.8	15.3	30
31	8.83		15.8		0.340		0.388	0.340		8.80		12.7	31
TOTAL	464.27	441.36	394.682	311.280	306.218	78.087	80.721	8.914	12.747	188.401	283.148	358.83	TOTAL
MEAN	15.8	15.8	12.7	10.4	9.85	2.60	2.93	0.320	0.425	8.08	9.44	11.8	MEAN
MAX	21.2	21.3	18.8	16.8	15.8	15.5	14.6	0.838	3.88	11.9	15.7	15.3	MAX
MIN	5.80	2.80	0.340	0.340	0.340	0.311	0.340	0.170	0.085	0.340	0.388	5.84	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.10
MAXIMUM DAILY, 21.3 ON FEB 11
MINIMUM DAILY, 0.085 ON SEP 18

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 57 N
LONG 115 30 08 W

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 500	JUL	7 840
FEB	36 100	AUG	887
MAR	34 100	SEP	1 100
APR	26 900	OCT	18 300
MAY	30 400	NOV	24 500
JUN	8 750	DEC	31 000

TOTAL DISCHARGE, 255 000 dam³

CASCADE RIVER ABOVE LAKE MINNEWANKA - STATION NO. 05BD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	10.1 E	7.31	7.83	8.05	4.92	3.34	---	---	1
2	---	---	---	---	7.70E	8.34	7.83	7.58	5.08	3.30	---	---	2
3	---	---	---	---	8.80E	8.12	8.04	7.24	5.60	3.26	---	---	3
4	---	---	---	---	8.27A	7.88	8.81	7.05	5.21	3.24	---	---	4
5	---	---	---	---	8.21	10.7	12.1	7.28	5.01	3.17	---	---	5
6	---	---	---	---	8.79	13.6	11.1	7.03	4.82	3.13	---	---	6
7	---	---	---	---	8.60	11.5	9.34	6.81	4.78	3.08	---	---	7
8	---	---	---	---	13.1	11.8	8.89	6.40	4.80	3.04	---	---	8
9	---	---	---	---	14.8	12.1	8.13	8.25	4.62	2.98	---	---	9
10	---	---	---	---	13.2	12.4	7.89	7.01	4.34	2.92	---	---	10
11	---	---	---	---	8.83	10.2	7.48	7.80	4.26	2.85A	---	---	11
12	---	---	---	---	14.1	10.8	7.05	6.95	4.20	2.90E	---	---	12
13	---	---	---	---	11.8	12.4	6.73	7.48	4.15	2.85E	---	---	13
14	---	---	---	---	9.48	12.1	6.83	7.84	4.21	2.88E	---	---	14
15	---	---	---	---	8.98	11.8	8.57	7.85	4.25	2.88A	---	---	15
16	---	---	---	---	8.83	20.3	8.38	7.30	4.12	2.90A	---	---	16
17	---	---	---	---	7.88	19.2	8.05	7.04	3.98	2.80A	---	---	17
18	---	---	---	---	7.85	13.7	8.14	6.82	3.88	2.88E	---	---	18
19	---	---	---	---	7.80	12.2	8.73	6.27	3.77	2.75E	---	---	19
20	---	---	---	---	8.72	12.9	7.88	7.47	3.68	2.90E	---	---	20
21	---	---	---	---	8.18	15.3	7.88	7.05	3.57	2.87E	---	---	21
22	---	---	---	---	8.73	12.9	10.8	6.89	3.47	2.47E	---	---	22
23	---	---	---	---	8.38	10.6	12.1	6.38	3.44	2.81E	---	---	23
24	---	---	---	---	8.24	8.87	10.3	8.45	3.41	2.90E	---	---	24
25	---	---	---	---	8.38	8.33	8.55	8.28	3.38	2.42E	---	---	25
26	---	---	---	---	8.08	8.21	10.1	8.84	3.89	2.38A	---	---	26
27	---	---	---	---	8.80	8.80	8.72	8.73	3.85	2.38E	---	---	27
28	---	---	---	---	8.38	8.28	8.08	8.81	3.84	2.44E	---	---	28
29	---	---	---	---	8.07	7.82	7.88	8.38	3.48	2.40E	---	---	29
30	---		---	---	8.81	7.43	7.88	8.18	3.40	2.41E	---	---	30
31	---		---		8.18		7.93	8.00		2.40E		---	31
TOTAL	---	---	---	---	258.18	331.87	287.88	208.07	124.84	87.03	---	---	TOTAL
MEAN	---	---	---	---	8.38	11.1	8.32	8.71	4.18	2.81	---	---	MEAN
MAX	---	---	---	---	14.8	20.3	12.1	8.05	5.60	3.34	---	---	MAX
MIN	---	---	---	---	8.21	8.12	8.05	8.00	3.38	2.38	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.89
MAXIMUM DAILY, 20.3 ON JUN 18
MINIMUM DAILY, 2.38E ON OCT 27
MAXIMUM INSTANTANEOUS,
27.8 AT 21:38 MST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 15 N
LONG 115 32 00 W
DRAINAGE AREA, 484 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	23 300
FEB	---	AUG	18 000
MAR	---	SEP	10 800
APR	---	OCT	7 530
MAY	22 400	NOV	---
JUN	28 800	DEC	---

TOTAL DISCHARGE, 110 000 dam³

CASTLE RIVER AT RANGER STATION - STATION NO. 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1 020	3.32	54.6	19.1	6.49	6.86	5.12	2.63	1.92	---	1
2	---	---	1.008	3.38	46.5	17.2	6.20	6.42	4.84	2.80	1.91	---	2
3	---	---	1.248	3.81	35.3	15.5	5.88	6.07	4.80	2.54	1.70A	---	3
4	---	---	1.448	3.78	28.5	15.0	5.80	5.89	4.78	2.51	---	---	4
5	---	---	1.648	3.28	27.8	16.9	6.13	5.61	4.88	2.47	---	---	5
6	---	---	1.868	4.43	30.8	17.7	5.77	5.23	4.47	2.43	---	---	6
7	---	---	2.108	6.47	34.7	17.8	5.48	5.02	4.37	2.38	---	---	7
8	---	---	2.348	7.84	38.8	17.4	5.23	4.78	4.20	2.33	---	---	8
9	---	---	2.608	7.81	43.0	16.3	5.02	4.64	4.05	2.32	---	---	9
10	---	---	2.868	7.83	44.6	15.6	5.33	4.81	3.93	2.28	---	---	10
11	---	---	2.828	8.07	40.3	15.5	4.93	5.04	3.78	2.21	---	---	11
12	---	---	2.828	7.80	40.5	14.7	4.84	4.73	3.69	2.18	---	---	12
13	---	---	3.008	7.18	40.8	14.5	4.41	4.55	3.58	2.16	---	---	13
14	---	---	3.118	7.08	34.8	14.3	4.21	5.98	3.90	2.11	---	---	14
15	---	---	3.088	7.82	34.0	13.9	4.10	6.38	3.40	2.20	---	---	15
16	---	---	3.048	10.3	34.1	13.8	4.08	6.63	3.36	2.11	---	---	16
17	---	---	3.008	16.7	29.2	12.8	4.73	6.98	3.31	2.07	---	---	17
18	---	---	3.018	17.7	25.2	11.4	7.36	6.79	3.22	2.04	---	---	18
19	---	---	2.998	15.8	23.6	11.8	18.8	6.48	3.16	2.01	---	---	19
20	---	---	2.898	14.1	21.3	11.2	14.8	6.21	3.08	1.99	---	---	20
21	---	---	2.768	13.2	18.7	10.6	13.3	5.97	3.02	1.96	---	---	21
22	---	---	2.878	14.1	16.4	9.98	15.6	5.72	2.97	1.94	---	---	22
23	---	---	2.888	13.9	14.8	9.38	22.1	5.48	2.93	1.93	---	---	23
24	---	---	2.658	13.3	13.7	8.48	16.1	5.40	2.89	1.90	---	---	24
25	---	1.188	2.438	13.9	13.7	7.88	15.0	5.58	2.84	1.87	---	---	25
26	---	1.108	2.408	16.1	14.1	7.42	12.8	5.49	2.86	1.84	---	---	26
27	---	1.008	2.418	17.2	17.8	7.21	11.1	5.28	2.88	1.82	---	---	27
28	---	1.038	2.428	23.8	22.3	7.18	9.76	5.01	2.78	1.79	---	---	28
29	---		2.438	37.2	30.2	6.92	8.73	5.77	2.74	1.77	---	---	29
30	---		2.448	52.3	18.0	6.88	8.01	5.58	2.88	1.75	---	---	30
31	---		2.33		16.8		7.41	5.35		1.74		---	31
TOTAL	---	---	75.51	372.98	889.4	382.94	270.18	178.80	107.98	85.62	---	---	TOTAL
MEAN	---	---	2.44	12.4	28.8	13.8	8.72	5.80	3.80	2.13	---	---	MEAN
MAX	---	---	3.11	52.3	54.6	19.1	22.1	6.98	5.12	2.83	---	---	MAX
MIN	---	---	1.00	2.33	13.7	6.88	4.08	4.81	2.88	1.74	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.61
MAXIMUM DAILY, 54.6 ON MAY 1
MINIMUM DAILY, 1.008 ON MAR 2
MAXIMUM INSTANTANEOUS,
55.7 AT 08:48 MST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 55 N
LONG 114 20 20 W
DRAINAGE AREA, 378 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	23 300
FEB	---	AUG	15 600
MAR	6 630	SEP	9 330
APR	32 200	OCT	5 690
MAY	77 700	NOV	---
JUN	33 100	DEC	---

TOTAL DISCHARGE, 203 000 dam³

CASTLE RIVER NEAR BEAVER MINES - STATION NO. 05AA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.600	2.888	2.508	5.84	118 E	32.0	8.30	11.1	7.12	3.75	2.87	2.008	1
2	3.700	2.888	2.808	5.88	82.0A	28.6	8.91	10.4	6.83	3.86	2.86	2.108	2
3	3.800	3.008	2.808	6.88	61.1	26.4	8.84	9.92	6.82	3.82	2.84	2.268	3
4	3.408	3.088	3.808	6.42	46.8	24.8	8.36	9.30	6.88	3.53	2.87	2.258	4
5	3.308	3.188	4.408	11.3	47.8	26.9	8.13	8.80	6.42	3.81	2.89	2.308	5
6	3.278	3.008	7.008	15.8	82.1	30.2	8.88	8.52	6.31	3.47	2.87	2.288	6
7	3.288	3.038	8.008	16.4	86.7	30.6	7.93	8.24	6.19	3.44	2.88	2.388	7
8	3.308	3.028	8.008	20.0	88.4	28.8	7.82	7.73	6.47	3.41	2.85	2.228	8
9	3.408	3.088	7.41	16.8	73.4	27.6	7.21	7.38	6.70	3.44	2.82	2.208	9
10	3.708	3.078	7.408	17.1	74.8	28.2	7.86	7.19	6.81	3.38	2.82	2.208	10
11	3.808	3.288	6.888	18.5	67.8	25.4	7.18	8.20	6.38	3.33	2.81	2.208	11
12	4.008	3.308	6.808	18.8	68.8	23.8	8.88	8.14	6.22	3.28	2.82	2.188	12
13	4.008	3.308	6.658	15.4	70.6	23.4	8.24	7.88	6.06	3.26	2.83	2.158	13
14	4.008	3.288	6.708	16.6	68.8	23.3	6.83	10.8	6.81	3.24	2.88	2.108	14
15	3.808	3.108	6.508	20.0	67.3	22.3	6.78	10.8	6.75	3.47	2.87	2.108	15
16	3.708	3.008	6.408	26.3	58.1	22.1	6.78	10.3	6.89	3.32	2.788	2.108	16
17	3.308	3.258	6.258	28.4	48.7	19.5	6.34	10.4	6.81	3.28	2.108	2.108	17
18	3.108	3.808	6.108	35.5	43.1	17.2	10.8	9.92	6.53	3.23	2.108	2.058	18
19	2.808	2.758	6.008	30.0	40.7	16.4	29.0	9.45	6.40	3.13	2.188	2.008	19
20	2.808	2.788	6.808	26.2	36.8	17.5	26.4	8.88	6.30	3.12	2.208	1.908	20
21	2.708	2.788	6.508	25.1	33.4	18.0	20.5	8.42	6.22	3.18	2.308	1.808	21
22	2.708	2.608	5.208	26.2	28.7	14.8	23.7	8.11	6.12	3.11	2.308	1.708	22
23	2.708	2.408	4.858	26.0	25.7	13.8	32.8	7.76	6.07	3.08	2.208	1.808	23
24	2.608	1.808	4.908	26.8	24.0	12.3	27.7	8.21	6.03	3.08	2.208	1.808	24
25	2.708	2.328	4.928	27.8	24.2	11.4	23.1	8.80	3.88	3.00	2.108	1.808	25
26	2.808	2.388	4.808	28.7	24.7	10.8	19.8	8.32	6.08	3.01	1.858	1.808	26
27	2.818	2.488	4.858	33.8	28.1	10.5	17.2	8.88	4.34	2.98	1.858	1.808	27
28	2.858	2.488	4.408	47.8	34.8	10.4	15.4	8.41	4.03	2.83	1.808	1.808	28
29	2.858		4.508	70.7	33.2	9.84	14.0	7.98	3.91	2.89	1.858	1.808	29
30	2.858		5.008	114 E	31.3	9.84	12.8	7.72	3.81	2.87	1.808	1.458	30
31	2.908		5.308		33.1		12.1	7.38		2.87		1.408	31
TOTAL	100.78	78.80	173.31	797.88	1 855.0	813.88	410.30	277.30	151.78	100.82	74.88	59.82	TOTAL
MEAN	3.25	2.85	5.59	25.8	60.2	30.5	13.2	8.95	5.06	3.25	2.50	1.93	MEAN
MAX	4.00	3.30	9.00	114	118	32.0	32.8	11.1	7.12	3.75	2.88	2.30	MAX
MIN	2.80	1.80	2.80	5.84	24.0	9.84	8.75	7.19	3.81	2.87	1.80	1.40	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 118E ON MAY 1
MINIMUM DAILY, 1.40B ON DEC 31
MAXIMUM INSTANTANEOUS,
128E AT 05:30 MST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 30 N
LONG 114 08 40 W
DRAINAGE AREA, 826 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 710	JUL	35 400
FEB	6 880	AUG	24 000
MAR	15 000	SEP	13 100
APR	68 900	OCT	8 710
MAY	134 000	NOV	5 170
JUN	53 000	DEC	5 170

TOTAL DISCHARGE, 379 000 dam³

CATARACT CREEK NEAR FORESTRY ROAD - STATION NO 05BL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3608	0.2948	0.2948	0.2808	7.18	2.82	1.02	1.45	1.03	0.539	0.378	0.2268	1
2	0.3808	0.2928	0.2788	0.3008	6.35	2.82	1.03	1.39	0.993	0.528	0.373	0.2148	2
3	0.3458	0.2888	0.2858	0.3248	4.82	2.40	1.04	1.36	1.03	0.511	0.388	0.2318	3
4	0.3418	0.2898	0.2728	0.3708	4.57	2.47	1.01	1.32	0.887	0.503	0.381	0.2518	4
5	0.3478	0.2928	0.3008	0.4208	4.81	2.87	1.37	1.39	0.932	0.495	0.356	0.2638	5
6	0.3318	0.2918	0.3308	0.4808	5.48	2.77	1.12	1.30	0.888	0.485	0.331	0.2478	6
7	0.3558	0.2908	0.2908	0.5208	5.56	2.70	1.02	1.22	0.858	0.481	0.281	0.2708	7
8	0.3188	0.3038	0.2808	0.5028	5.05	2.62	1.02	1.15	0.838	0.476	0.325	0.2758	8
9	0.3368	0.2868	0.2708	0.5108	5.68	2.55	1.03	1.14	0.808	0.455	0.323	0.2758	9
10	0.3378	0.2788	0.2808	0.5108	5.55	2.46	1.36	1.84	0.771	0.424	0.382	0.2788	10
11	0.3068	0.2768	0.2808	0.5178	7.72	2.28	1.15	2.28	0.780	0.472	0.381	0.2708	11
12	0.3098	0.2788	0.2878	0.5408	6.42	2.14	1.03	1.83	0.727	0.471	0.348	0.2608	12
13	0.3128	0.2888	0.2628	0.5808	5.76	2.05	0.984	3.22	0.708	0.440	0.340	0.2558	13
14	0.3058	0.2788	0.2858	0.618	7.13	1.84	0.911	2.73	0.682	0.433	0.344	0.2528	14
15	0.2908	0.2698	0.2858	0.730	6.82	1.68	0.877	2.58	0.678	0.448	0.2408	0.2308	15
16	0.2808	0.2748	0.2858	0.614	6.28	2.15	0.988	2.41	0.687	0.428	0.2158	0.2108	16
17	0.2858	0.2648	0.2888	0.837	5.61	1.83	1.07	2.28	0.853	0.440	0.2158	0.1908	17
18	0.2838	0.2728	0.2408	0.783	5.13	1.66	2.58	1.88	0.843	0.328	0.2138	0.2008	18
19	0.2828	0.2648	0.2708	0.7508	4.74	1.58	4.80	1.64	0.823	0.3478	0.2808	0.2008	19
20	0.2958	0.2658	0.2808	0.8008	4.39	1.53	4.04	1.68	0.812	0.3988	0.2678	0.2108	20
21	0.2878	0.2488	0.2548	0.847	3.88	1.88	3.38	1.58	0.888	0.428	0.2628	0.2108	21
22	0.2958	0.2388	0.2508	0.888	3.82	1.36	3.41	1.47	0.688	0.388	0.2588	0.2008	22
23	0.3038	0.2368	0.2508	0.802	3.23	1.28	3.27	1.42	0.678	0.388	0.2608	0.3008	23
24	0.3108	0.2418	0.2408	0.834	3.03	1.31	3.00	1.37	0.671	0.408	0.2438	0.2108	24
25	0.3068	0.2508	0.2408	1.20	2.88	1.14	2.86	1.38	0.662	0.408	0.2408	0.2208	25
26	0.3018	0.2798	0.2388	1.43	2.83	1.10	2.38	1.30	0.633	0.378	0.2408	0.2308	26
27	0.3008	0.2838	0.2508	1.83	3.02	1.08	2.07	1.24	0.684	0.388	0.2408	0.2308	27
28	0.2938	0.2988	0.2788	2.88	3.18	1.07	1.87	1.15	0.811	0.384	0.2458	0.2208	28
29	0.2888		0.2878	4.60	3.24	1.03	1.74	1.14	0.878	0.383	0.3478	0.2108	29
30	0.2808		0.2878	5.65	3.17	1.05	1.68	1.11	0.881	0.388	0.2478	0.1908	30
31	0.2898		0.2408		3.03		1.58	1.08		0.387		0.1808	31
TOTAL	9.881	7.781	8.432	32.582	185.12	58.95	58.180	48.70	21.883	13.400	8.787	7.104	TOTAL
MEAN	0.312	0.277	0.272	1.09	5.33	1.80	1.81	1.80	0.732	0.432	0.280	0.228	MEAN
MAX	0.380	0.303	0.330	5.65	8.84	2.82	4.80	2.73	1.03	0.539	0.378	0.274	MAX
MIN	0.280	0.235	0.235	0.280	2.83	1.03	0.877	1.08	0.651	0.328	0.213	0.180	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.20
MAXIMUM DAILY, 5.65 ON MAY 5
MINIMUM DAILY, 0.180B ON DEC 31
MAXIMUM INSTANTANEOUS,
5.80 AT 00:27 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 04 N
LONG 114 35 25 W
DRAINAGE AREA, 188 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	835	JUL	4 650
FEB	671	AUG	4 290
MAR	738	SEP	1 900
APR	2 830	OCT	1 150
MAY	14 300	NOV	752
JUN	4 830	DEC	614

TOTAL DISCHARGE, 37 600 dam³

CAVAN LAKE DIVERSION NEAR DUNMORE - STATION NO. 05AH044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0108	0.0058	2.87	0.038	0	0	0	0	0	0	---	1
2	---	0.0108	0.0058	1.81	0.023	0	0	0	0	0	0	---	2
3	---	0.0108	0.0038	0.988	0.018	0	0	0	0	0	0	---	3
4	---	0.0108	0.0038	0.725	0.015	0	0	0	0	0	0A	---	4
5	---	0.0108	0.1698	0.526	0.012	0	0	0	0	0	---	---	5
6	---	0.0108	0.8808	0.410	0.008	0	0	0	0	0	---	---	6
7	---	0.0108	0.806	0.328	0.006	0	0	0	0	0	---	---	7
8	---	0.0108	0.4228	0.282	0.005	0	0	0	0	0	---	---	8
9	---	0.0108	0.486	0.217	0.005	0	0	0	0	0	---	---	9
10	---	0.0108	0.302	0.188	0.004	0	0	0	0	0	---	---	10
11	---	0.0108	0.2088	0.174	0.004	0	0	0	0	0	---	---	11
12	---	0.0108	0.233	0.201	0.003	0	0	0	0	0	---	---	12
13	---	0.0108	0.186	0.224	0.003	0	0	0	0	0	---	---	13
14	---	0.0108	0.220	0.187	0.003	0	0	0	0	0	---	---	14
15	---	0.0108	0.418	0.144	0.002	0	0	0	0	0	---	---	15
16	---	0.0108	0.281	0.114	0.002	0	0	0	0	0	---	---	16
17	---	0.0108	0.286	0.098	0.002	0	0	0	0	0	---	---	17
18	---	0.0108	0.232	0.100	0.002	0	0	0	0	0	---	---	18
19	---	0.0108	0.218	0.105	0.001	0	0	0	0	0	---	---	19
20	---	0.0108	0.202	0.098	0.001	0	0	0	0	0	---	---	20
21	---	0.0058	0.179	0.090	0.001	0	0	0	0	0	---	---	21
22	---	0.0058	0.1708	0.082	0.001	0	0	0	0	0	---	---	22
23	---	0.0058	0.1608	0.075	0.001	0	0	0	0	0	---	---	23
24	---	0.0058	0.1358	0.072	0.001	0	0	0	0	0	---	---	24
25	---	0.0058	0.116	0.084	0.001	0	0	0	0	0	---	---	25
26	---	0.0058	0.174	0.086	0.003	0	0	0	0	0	---	---	26
27	---	0.0058	0.2438	0.046	0.007	0	0	0	0	0	---	---	27
28	0.0108	0.0058	0.2648	0.042	0.006	0	0	0	0	0	---	---	28
29	0.0108		0.2208	0.038	0.004	0	0	0	0	0	---	---	29
30	0.0108		0.2178	0.034	0.002	0	0	0	0	0	---	---	30
31	0.0108		1.03		0.001		0	0		0		---	31
TOTAL	---	0.240	8.881	9.837	0.178	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.008	0.277	0.328	0.006	0	0	0	0	0	---	---	MEAN
MAX	---	0.010	1.03	2.87	0.038	0	0	0	0	0	---	---	MAX
MIN	---	0.005	0.003	0.034	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 2.87 ON APR 1
MINIMUM DAILY, 0 ON JUN 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 50 N
LONG 110 28 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	26.7	AUG	0
MAR	742	SEP	0
APR	850	OCT	0
MAY	15.2	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 630 dam³

CAVAN LAKE NEAR DUNMORE - STATION NO. 05AH048

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	808.083	808.105	808.722	809.282	808.836	808.304	807.887	807.676	807.544	807.486	---	1
2	---	808.084	808.111	808.888	809.261	808.827	808.272	807.869	807.673	807.543	807.469	---	2
3	---	808.083	808.121	808.881	809.247	808.827	808.255	807.859	807.653	807.535	807.483	---	3
4	---	808.083	808.128	808.047	809.244	808.826	808.218	807.857	807.647	807.518	807.480A	---	4
5	---	808.084	808.130	809.084	809.238	808.826	808.198	807.848	807.645	807.516	---	---	5
6	---	808.088	808.137	808.131	809.238	808.818	808.188	807.847	807.638	807.514	---	---	6
7	---	808.071	808.184	808.155	809.238	808.808	808.182	807.841	807.638	807.514	---	---	7
8	---	808.075	808.230	808.173	809.238	808.798	808.181	807.805	807.635	807.487	---	---	8
9	---	808.075	808.283	808.188	809.230	808.787	808.113	807.788	807.636	807.487	---	---	9
10	---	808.078	808.283	809.184	809.218	808.784	808.071	807.728	807.632	807.500	---	---	10
11	---	808.081	808.288	808.200	809.218	808.767	808.040	807.885	807.629	807.484	---	---	11
12	---	808.084	808.328	808.207	809.211	808.760	808.034	807.855	807.628	807.481	---	---	12
13	---	808.085	808.335	808.220	809.188	808.767	808.030	807.842	807.622	807.482	---	---	13
14	---	808.087	808.357	808.235	809.188	808.758	808.028	807.845	807.613	807.479	---	---	14
15	---	808.088	808.372	808.236	809.188	808.750	808.021	807.875	807.612	807.477	---	---	15
16	---	808.092	808.403	808.245	809.187	808.737	808.008	807.880	807.602	807.481	---	---	16
17	---	808.084	808.438	808.240	808.131	808.724	807.889	807.888	807.586	807.477	---	---	17
18	---	808.083	808.458	808.245	809.081	808.718	807.887	807.891	807.594	807.473	---	---	18
19	---	808.087	808.488	808.245	809.048	808.724	808.004	807.890	807.586	807.472	---	---	19
20	---	808.089	808.488	808.258	809.018	808.738	808.003	807.889	807.587	807.475	---	---	20
21	---	808.088	808.487	808.261	808.888	808.734	808.001	807.875	807.578	807.470	---	---	21
22	---	808.089	808.518	808.282	808.982	808.709	808.003	807.875	807.576	807.468	---	---	22
23	---	808.087	808.532	808.282	808.958	808.688	808.008	807.872	807.570	807.468	---	---	23
24	---	808.088	808.540	808.280	808.929	808.628	808.008	807.881	807.562	807.478	---	---	24
25	---	808.101	808.554	808.282	808.889	808.591	808.008	807.890	807.562	807.469	---	---	25
26	---	808.101	808.557	808.281	808.874	808.550	808.003	807.891	807.560	807.481	---	---	26
27	---	808.108	808.557	808.268	808.863	808.501	808.003	807.891	807.560	807.481	---	---	27
28	808.071A	808.108	808.570	808.285	808.858	808.447	807.892	807.862	807.558	807.462	---	---	28
29	808.081		808.584	808.285	808.862	808.402	807.858	807.870	807.554	807.461	---	---	29
30	808.082		808.603	808.282	808.858	808.348	807.824	807.873	807.556	807.461	---	---	30
31	808.080		808.625		808.848		807.886	807.874		807.461		---	31
MEAN	---	808.085	808.380	808.183	809.080	808.707	808.062	807.728	807.608	807.487	---	---	MEAN
MAX	---	808.108	808.625	809.384	809.282	808.836	808.304	807.887	807.676	807.544	---	---	MAX
MIN	---	808.083	808.105	808.722	808.848	808.348	807.886	807.842	807.554	807.461	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 38 N
LONG 110 23 58 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA, 11.4 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHAIN LAKES RESERVOIR NEAR NANTON - STATION NO. 05AB037

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1297.041	1297.020	1296.320E	1296.708	1297.088	1296.952	---	---	1
2	---	---	---	---	1297.078	1297.002	1296.305E	1296.708	1297.084	1296.948	---	---	2
3	---	---	---	---	1297.088	1296.987	1296.290E	1296.721	1297.088	1296.943	---	---	3
4	---	---	1296.088A	---	1297.104	1296.971	1296.280E	1296.728	1297.085	1296.932	---	---	4
5	---	---	---	---	1297.103	1296.947	1296.270E	1296.728	1297.085	---	---	---	5
6	---	---	---	---	1297.105	1296.927	1296.260E	1296.722	1297.085	---	1296.728A	---	6
7	---	---	---	---	1297.102	1296.898	1296.250E	1296.716	1297.081	---	---	---	7
8	---	---	---	1296.483A	1297.102	1296.871	1296.238A	1296.722	1297.088	---	---	---	8
9	---	---	---	1296.513	1297.105	1296.847	1296.238E	1296.720	1297.087	---	---	---	9
10	---	---	---	1296.536	1297.102	1296.825	1296.230E	1296.744	1297.086	---	---	---	10
11	---	---	---	1296.585	1297.101	1296.788	1296.227A	1296.774	1297.082	---	---	---	11
12	---	---	---	1296.589	1297.103	1296.787	1296.220E	1296.789	1297.080	---	---	---	12
13	---	---	---	1296.611	1297.103	1296.740	1296.215E	1296.814	1297.047	---	---	---	13
14	---	---	---	1296.631	1297.101	1296.707	1296.210E	1296.884	1297.040	---	---	---	14
15	---	---	---	1296.662	1297.099	1296.678	1296.188A	1296.822	1297.040	---	---	---	15
16	---	---	---	1296.687	1297.088	1296.660	1296.204A	1296.878	1297.035	---	---	---	16
17	---	---	---	1296.697	1297.088	1296.638	1296.205E	1297.023	1297.030	---	---	---	17
18	---	---	---	1296.727	1297.088	1296.608	1296.206A	1297.058	1297.020	---	---	---	18
19	---	---	---	1296.753	1297.088	1296.592	1296.201A	1297.060	1297.013	---	---	---	19
20	---	---	---	1296.776	1297.082	1296.571	1296.376A	1297.097	1297.007	---	---	---	20
21	---	---	---	1296.800	1297.078	1296.543	1296.422	1297.098	1296.998	---	---	---	21
22	---	---	---	1296.823	1297.081	1296.516	1296.470	1297.097	1296.993	---	---	---	22
23	---	---	---	1296.847	1297.080	1296.482	1296.510	1297.098	1296.988	---	---	---	23
24	---	---	---	1296.873	1297.077	1296.448	1296.560	1297.098	1296.981	---	---	---	24
25	---	---	---	1296.898	1297.080	1296.417	1296.573	1297.094	1296.976	---	---	---	25
26	---	---	---	1296.915	1297.078	1296.392	1296.609	1297.091	1296.978	---	---	---	26
27	---	---	---	1296.937	1297.074	1296.360E	1296.635	1297.089	1296.976	---	---	---	27
28	---	---	---	1296.958	1297.082	1296.368E	1296.656	1297.085	1296.971	---	---	---	28
29	---		---	1296.980	1297.080	1296.350E	1296.688	1297.078	1296.887	---	---	---	29
30	---		---	1297.007	1297.035	1296.335E	1296.683	1297.078	1296.862	---	---	---	30
31	---		---		1297.027		1296.698	1297.073		---		---	31
MEAN	---	---	---	---	1297.064	1296.676	1296.371	1296.922	1297.026	---	---	---	MEAN
MAX	---	---	---	---	1297.105	1297.020	1296.698	1297.098	1297.088	---	---	---	MAX
MIN	---	---	---	---	1297.027	1296.335	1296.198	1296.708	1296.862	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 1297.105 ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 37 N
LONG 114 11 55 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
187 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 1295.618 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

CHANEL DES QUATRE FOURCHES AT QUATRE FOURCHES - STATION NO. 07KF001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	209.998	209.128	209.643	209.050	209.187	---	---	1
2	---	---	---	---	---	209.119	209.430	209.089	209.039	208.944	---	---	2
3	---	---	---	---	---	209.182	209.294	208.808	209.081	208.843	---	---	3
4	---	---	---	---	---	208.988	209.158	208.578	209.084	208.689	---	---	4
5	---	---	---	---	---	209.128	209.237	208.584	208.883	209.021	---	---	5
6	---	---	---	---	---	209.282	209.251	208.898	208.488	209.180	---	---	6
7	---	---	---	---	---	209.089	209.270	209.248	209.114	209.731	---	---	7
8	---	---	---	---	---	209.189	209.247	209.418	209.201	209.114	---	---	8
9	---	---	---	---	---	209.311	209.304	209.443	209.280	208.618	---	---	9
10	---	---	---	---	---	209.198	209.235	209.405	209.284	208.878	---	---	10
11	---	---	---	---	---	209.281	209.188	209.385	209.248	208.887	---	---	11
12	---	---	---	---	---	209.007	209.288	209.323	209.223	208.658	---	---	12
13	---	---	---	---	---	209.068	209.219	209.328	209.132	208.809	---	---	13
14	---	---	---	---	---	---	209.138	209.319	209.248	---	---	---	14
15	---	---	---	---	---	---	208.933	209.229	208.878	---	---	---	15
16	---	---	---	---	---	209.138	209.329	209.188	208.820	---	---	---	16
17	---	---	---	---	---	209.008	209.287	209.103	209.178	---	---	---	17
18	---	---	---	---	---	209.201	208.189	208.032	209.114	---	---	---	18
19	---	---	---	---	---	209.278	209.133	209.050	209.288	---	---	---	19
20	---	---	---	---	---	209.472	209.188	208.884	208.187	---	---	---	20
21	---	---	---	---	---	209.846	209.017	209.042	209.281	---	---	---	21
22	---	---	---	---	208.878	209.367	208.942	208.858	209.260	---	---	---	22
23	---	---	---	---	208.181	209.183	209.200	208.838	209.272	---	---	---	23
24	---	---	---	---	209.183	209.187	209.181	209.008	209.313	---	---	---	24
25	---	---	---	---	208.038	208.288	209.088	208.823	209.278	---	---	---	25
26	---	---	---	---	209.317	209.187	209.003	209.088	208.182	---	---	---	26
27	---	---	---	---	209.278	209.238	208.884	209.088	209.095	---	---	---	27
28	---	---	---	---	209.200	209.323	208.887	209.088	208.857	---	---	---	28
29	---		---	---	209.208	208.381	208.858	209.038	209.237	---	---	---	29
30	---		---	---	208.185	209.274	208.889	208.885	208.854	---	---	---	30
31	---		---		208.368		208.858	209.042		---		---	31
MEAN	---	---	---	---	---	---	209.139	209.093	209.131	---	---	---	MEAN
MAX	---	---	---	---	---	---	209.430	209.643	209.878	---	---	---	MAX
MIN	---	---	---	---	---	---	208.858	208.584	208.488	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 209.731 ON OCT 7

MAXIMUM INSTANTANEOUS,
209.731 AT 17:35 MST ON OCT 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 35 50 N
LONG 111 17 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHINCHAGA RIVER NEAR HIGH LEVEL - STATION NO. 07BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9138	0.1578	0.0638	0.0838	106	35.7	23.5	18.9	20.0	5.17	5.84	1.598	1
2	0.9128	0.1408	0.0518	0.1278	117	36.7	21.4	27.8	18.7	5.02	4.158	1.488	2
3	0.9148	0.1248	0.0328	0.2248	136	45.5	20.8	37.1	17.8	5.80	3.868	1.368	3
4	0.9248	0.1228	0.0268	0.3008	148	102	19.7	341	18.6	5.84	3.278	1.418	4
5	0.9248	0.1208	0.0288	0.4488	154	202	18.3	483	15.8	5.44	3.178	1.448	5
6	0.9288	0.1078	0.0258	0.7048	150	233	18.2	431	14.8	5.34	2.278	1.508	6
7	0.9228	0.0988	0.0258	1.49 B	134	208	17.0	427	14.1	5.67	3.488	1.698	7
8	0.9178	0.0788	0.0258	2.34 B	114	198	16.8	338	13.3	5.71	2.768	1.568	8
9	0.9108	0.0468	0.0248	3.06 B	98.0	218	16.1	281	12.7	5.88	2.618	1.488	9
10	0.8488	0.0318	0.0278	4.13 B	86.8	198	14.9	200	11.8	5.45	2.638	1.388	10
11	0.7928	0.0258	0.0278	4.68 B	78.1	188	13.7	182	11.3	5.31	2.638	1.308	11
12	0.7878	0.0218	0.0278	4.69 B	73.8	163	15.3	138	10.6	5.82	2.428	1.268	12
13	0.7538	0.0188	0.0288	5.17 B	71.8	134	18.3	118	10.2	6.00	2.398	1.208	13
14	0.7258	0.0198	0.0328	7.80 B	73.1	107	18.7	103	9.38	5.88	2.188	1.188	14
15	0.7008	0.0248	0.0358	13.7 B	82.4	87.4	15.7	88.1	9.18	5.80	1.888	1.138	15
16	0.6808	0.0228	0.0388	16.6 B	88.4	72.4	15.7	80.1	9.22	5.43	1.838	1.138	16
17	0.6008	0.0228	0.0388	55.8 B	113	80.6	14.7	89.4	9.23	5.31	2.028	1.128	17
18	0.4198	0.0268	0.0388	136 B	116	60.6	13.5	80.7	8.77	5.14	1.878	1.158	18
19	0.3048	0.0318	0.0408	120 B	108	44.1	12.2	84.4	8.07	4.98	1.678	1.148	19
20	0.2598	0.0308	0.0418	119 B	98.0	38.8	11.3	48.3	7.67	4.78	2.148	1.128	20
21	0.2398	0.0358	0.0408	126	88.2	34.0	14.5	43.2	7.18	5.53	1.988	1.128	21
22	0.2188	0.0398	0.0418	123	78.8	31.0	18.7	38.7	7.02	5.53	2.058	1.168	22
23	0.2338	0.0428	0.0428	116	72.1	29.1	17.1	35.8	7.08	5.82	2.078	1.128	23
24	0.2658	0.0478	0.0448	110	85.1	28.4	15.9	33.4	6.98	5.44	2.128	1.168	24
25	0.2648	0.0578	0.0448	108	88.7	27.3	16.7	31.6	6.78	5.32	2.088	1.258	25
26	0.2798	0.0678	0.0488	97.8	83.3	28.0	16.6	29.4	6.73	5.17	1.958	1.288	26
27	0.2628	0.0898	0.0468	86.3	68.1	30.0	16.7	27.7	6.56	5.08	1.908	1.318	27
28	0.2428	0.0898	0.0438	88.3	44.1	29.8	14.7	26.7	6.43	5.33	1.858	1.278	28
29	0.2198		0.0438	86.6	40.7	28.3	14.8	26.0	6.48	5.40	1.748	1.288	29
30	0.1958		0.0428	88.2	38.1	25.7	15.3	22.8	6.40	5.50	1.698	1.178	30
31	0.1738		0.0428		36.8		15.8	21.0		5.48		1.088	31
TOTAL	17.714	1.884	1.148	1 584.227	2 778.1	2 881.4	508.2	3 822.1	316.14	170.23	73.18	39.78	TOTAL
MEAN	0.571	0.080	0.037	52.1	89.6	88.7	16.4	123	10.5	5.49	2.44	1.26	MEAN
MAX	0.928	0.187	0.063	136	154	233	23.5	453	20.0	6.17	5.54	1.69	MAX
MIN	0.173	0.018	0.024	0.083	36.8	25.7	11.3	16.9	6.40	4.78	1.87	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.8
MAXIMUM DAILY, 453 ON AUG 5
MINIMUM DAILY, 0.0188 ON FEB 13
MAXIMUM INSTANTANEOUS,
476 AT 18:00 MST ON AUG 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 35 48 N
LONG 118 20 00 W
DRAINAGE AREA, 10 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 530	JUL	43 900
FEB	145	AUG	330 000
MAR	88.8	SEP	27 300
APR	135 000	OCT	14 700
MAY	240 000	NOV	6 320
JUN	233 000	DEC	3 440

TOTAL DISCHARGE, 1 040 000 dam³

CHIP LAKE AT OUTLET TO LOBSTICK RIVER - STATION NO. 07BB006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	787.886	788.148	788.172	---	788.047	787.914	---	---	---	1
2	---	---	---	---	788.126	---	---	---	---	---	---	---	2
3	---	---	---	---	788.146	788.186	---	787.982	787.916	---	787.882	---	3
4	---	---	---	---	788.148	---	---	---	---	---	---	---	4
5	---	---	---	---	788.131	788.161	---	788.033	787.925	---	---	---	5
6	---	---	---	---	788.132	---	---	788.023	---	---	---	---	6
7	---	---	---	---	788.162	788.185	---	---	787.870	---	---	---	7
8	---	---	---	788.112	788.122	---	---	788.013	787.985	---	---	---	8
9	---	---	---	---	788.122	---	---	788.003	---	---	---	---	9
10	---	---	---	---	788.142	---	---	788.113	787.990	---	---	---	10
11	---	---	---	---	788.127	788.159	788.028	788.043	---	---	---	---	11
12	---	---	---	---	788.117	---	---	788.033	788.000	---	---	---	12
13	---	---	---	---	---	788.159	788.058	788.003	---	---	---	---	13
14	---	---	---	788.142	788.127	---	---	---	---	---	---	---	14
15	---	---	---	---	788.132	788.146	788.025	787.983	---	---	---	---	15
16	---	---	---	---	788.133	---	---	788.003	---	---	---	---	16
17	---	---	---	---	788.122	788.133	787.985	788.033	---	---	---	---	17
18	---	---	---	---	788.167	---	---	---	---	---	---	---	18
19	---	---	---	---	788.172	788.117	787.984	788.034	---	---	---	---	19
20	---	---	---	---	788.133	---	---	---	---	---	---	---	20
21	---	---	---	---	788.098	---	787.984	788.044	---	---	---	---	21
22	---	---	---	---	788.144	---	---	---	---	---	---	---	22
23	---	---	---	---	788.128	788.182	787.983	---	---	---	---	---	23
24	---	---	---	---	788.188	---	---	787.934	---	---	---	---	24
25	---	---	787.988	---	788.183	---	787.983	787.984	---	---	---	---	25
26	---	---	---	---	---	---	788.003	787.889	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	788.188	---	787.982	787.888	---	---	---	---	28
29	---	---	---	788.134	788.173	---	787.982	---	787.984	---	---	---	29
30	---	---	---	---	---	---	788.022	787.909	---	---	---	---	30
31	---	---	---	---	788.187	---	788.022	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 38 54 N
LONG 118 15 33 W

NATURAL FLOW

DRAINAGE AREA,
1 210 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHRISTINA RIVER NEAR CHARD - STATION NO. 07CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.108	3.708	30.4	20.0	13.8	9.18	11.1	7.88	2.788	---	1
2	---	---	3.148	3.888	30.0	21.1	13.4	8.85	10.8	7.78	2.318	---	2
3	---	---	3.188	4.218	28.6	25.1	13.1	11.0	10.5	7.88	2.188	---	3
4	---	---	3.228	4.628	28.3	28.8	12.8	13.0	10.2	7.67	1.858	---	4
5	---	---	3.228	4.778	28.7	33.7	12.0	13.7	10.0	7.58	1.678	---	5
6	---	---	3.268	4.888	27.8	37.0	11.5	13.8	9.78	7.48	---	---	6
7	---	---	3.288	5.088	28.4	38.8	11.1	13.7	9.44	7.47	---	---	7
8	---	---	3.288	5.308	28.8	41.0	10.8	13.2	9.25	7.34	---	---	8
9	---	---	3.278	5.678	24.5	41.1	10.7	12.8	9.24	7.23	---	---	9
10	---	---	3.278	11.3 B	24.5	40.8	10.4	13.2	9.34	7.18	---	---	10
11	---	---	3.288	12.4 B	23.5	40.4	10.2	14.1	9.23	7.15	---	---	11
12	---	---	3.308	12.5 B	23.0	38.8	9.86	16.1	9.07	7.27	---	---	12
13	---	---	3.308	13.0 B	22.3	36.6	9.65	18.6	9.01	7.08	---	---	13
14	---	---	3.328	13.7 B	21.7	33.6	9.85	20.3	8.84	6.98	---	---	14
15	---	---	3.328	16.0 B	21.1	31.0	9.71	20.7	8.66	6.90	---	---	15
16	---	---	3.328	16.4 B	20.0	28.9	9.42	20.3	8.77	6.83	---	---	16
17	---	---	3.348	18.5 B	19.3	26.1	9.22	18.8	8.70	6.83	---	---	17
18	---	---	3.368	20.5 B	18.0	23.8	9.17	19.6	8.70	6.77	---	---	18
19	---	---	3.348	22.0 B	18.3	21.5	8.86	18.3	8.38	6.76	---	---	19
20	---	---	3.388	23.0 B	18.4	19.6	8.69	18.7	8.37	6.448	---	---	20
21	---	---	3.418	24.0 B	20.1	18.4	8.88	18.1	8.30	6.828	---	---	21
22	---	---	3.408	28.0 B	20.1	18.0	8.81	17.6	8.02	6.788	---	---	22
23	---	---	3.398	27.5 B	19.9	18.7	8.30	18.6	8.79	6.678	---	---	23
24	---	---	3.368	26.5 B	19.5	15.9	8.25	15.9	8.81	6.308	---	---	24
25	---	---	3.388	29.5 B	18.7	18.5	8.28	15.3	8.48	4.818	---	---	25
26	---	---	3.368	30.7	18.2	18.3	8.18	14.5	8.38	4.868	---	---	26
27	---	---	3.458	30.7	17.8	15.0	8.25	14.1	8.21	4.468	---	---	27
28	---	---	3.408	30.8	17.3	14.4	8.85	13.5	8.07	3.748	---	---	28
29	---		3.448	30.8	18.0	13.7	8.81	12.8	8.07	3.288	---	---	29
30	---		3.468	30.4	18.5	13.7	8.84	12.3	7.93	3.138	---	---	30
31	---		3.488		20.1		9.11	11.7		3.088		---	31
TOTAL	---	---	102.84	515.48	694.7	788.8	307.78	473.63	274.32	183.52	---	---	TOTAL
MEAN	---	---	3.32	17.2	22.4	26.2	9.93	15.3	9.14	6.24	---	---	MEAN
MAX	---	---	3.48	30.8	30.4	41.1	13.8	20.7	11.1	7.88	---	---	MAX
MIN	---	---	3.10	3.70	17.3	13.7	8.18	9.18	7.93	3.08	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 41.1 ON JUN 8
MINIMUM DAILY, 3.068 ON OCT 31
MAXIMUM INSTANTANEOUS,
41.8 AT 17:57 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 50 20 N
LONG 110 52 00 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 800
FEB	---	AUG	40 900
MAR	8 880	SEP	23 700
APR	44 500	OCT	16 700
MAY	80 000	NOV	---
JUN	88 000	DEC	---

TOTAL DISCHARGE 289 000 dam³

CHRISTMAS CREEK NEAR BLUE RIDGE - STATION NO 07AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0858	0.2158	0.576	1.53	0.362	2.06	0.718	0.295	0.2888	---	1
2	---	---	0.0898	0.2498	0.9098	1.85	0.331	3.86	0.673	0.318	0.2888	---	2
3	---	---	0.0738	0.3018	1.52 B	1.42	0.295	4.11	0.786	0.297	0.2648	---	3
4	---	---	0.0778	0.5158	2.28 B	1.17	0.261	3.47	1.42	0.314	0.2598	---	4
5	---	---	0.0818	0.7898	2.28	0.988	0.238	2.76	1.50	0.318	---	---	5
6	---	---	0.0818	0.9858	2.30	1.00	0.219	2.17	1.27	0.287	---	---	6
7	---	---	0.0828	0.9818	1.98	1.00	0.208	1.71	1.05	0.368	---	---	7
8	---	---	0.0858	1.03 B	1.87	0.974	0.236	1.46	0.978	0.362	---	---	8
9	---	---	0.0908	1.20 B	1.45	0.830	0.247	1.15	0.880	0.349	---	---	9
10	---	---	0.0958	1.19 B	1.35	0.777	0.367	1.04	0.833	0.350	---	---	10
11	---	---	0.0978	1.28 B	1.25	0.782	0.416	1.50	0.782	0.332	---	---	11
12	---	---	0.0898	0.9698	1.12	1.14	0.336	1.53	0.877	0.321	---	---	12
13	---	---	0.1028	1.32 B	1.11	1.07	0.271	1.39	0.823	0.330	---	---	13
14	---	---	0.1048	1.28 B	0.979	0.884	0.264	1.16	0.732	0.328	---	---	14
15	---	---	0.1058	1.21 B	0.961	0.701	0.259	1.02	0.725	0.323	---	---	15
16	---	---	0.1108	1.04 B	0.811	0.557	0.210	0.914	0.889	0.318	---	---	16
17	---	---	0.1168	1.18 B	0.787	0.630	0.187	0.827	0.871	0.312	---	---	17
18	---	---	0.1228	1.19 B	0.758	0.485	0.148	0.738	0.881	0.300	---	---	18
19	---	---	0.1278	0.8888	1.08	0.430	0.131	0.670	0.811	0.300	---	---	19
20	---	---	0.1348	0.8858	1.44	0.479	0.154	0.878	0.489	0.283	---	---	20
21	---	---	0.1418	0.8628	1.34	0.708	0.141	1.23	0.839	0.280	---	---	21
22	---	---	0.1468	0.7318	1.17	0.814	0.188	1.84	0.484	0.286	---	---	22
23	---	---	0.1518	0.888	1.06	0.788	0.221	1.65	0.438	0.285	---	---	23
24	---	---	0.1558	0.834	1.05	0.870	0.234	1.60	0.411	0.288	---	---	24
25	---	---	0.1688	0.883	0.935	0.868	0.228	1.38	0.388	0.289	---	---	25
26	---	---	0.1688	0.842	0.843	0.487	0.258	1.20	0.338	0.295	---	---	26
27	---	---	0.1588	0.803	0.781	0.425	0.287	1.03	0.324	0.286	---	---	27
28	---	---	0.1838	0.518	0.688	0.378	0.317	0.882	0.341	0.291	---	---	28
29	---		0.1788	0.840	0.777	0.428	0.288	0.888	0.334	0.290	---	---	29
30	---		0.1888	0.828	1.17	0.385	0.273	0.818	0.327	0.2748	---	---	30
31	---		0.2008		1.48		0.331	0.822		0.2748		---	31
TOTAL	---	---	3.748	24.778	37.703	24.815	7.901	48.158	20.388	9.833	---	---	TOTAL
MEAN	---	---	0.121	0.828	1.22	0.821	0.255	1.55	0.678	0.311	---	---	MEAN
MAX	---	---	0.200	1.28	2.28	1.53	0.418	4.11	1.50	0.367	---	---	MAX
MIN	---	---	0.085	0.318	0.576	0.378	0.131	0.670	0.324	0.274	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.722
MAXIMUM DAILY, 4.11 ON AUG 3
MINIMUM DAILY, 0.0858 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.64 AT 14:21 MST ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 40 N
LONG 115 18 58 W
DRAINAGE AREA, 424 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	883
FEB	---	AUG	4 180
MAR	334	SEP	1 760
APR	2 140	OCT	832
MAY	3 280	NOV	---
JUN	2 130	DEC	---

TOTAL DISCHARGE, 15 300 dam³

CLEAR RIVER NEAR BEAR CANYON - STATION NO. 07FD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0259	10.1	7.34	0.927	1.33	1.50	0.120	---	---	1
2	---	---	0 B	0.0828	15.9	8.78	0.884	9.71	1.45	0.123	---	---	2
3	---	---	0 B	5.11 B	15.4	19.3	0.718	19.7	1.27	0.130	---	---	3
4	---	---	0 B	5.11 B	12.1	15.3	0.884	15.3	1.24	0.158	---	---	4
5	---	---	0 B	5.48 B	10.4	12.2	0.868	13.2	1.03	0.172	---	---	5
6	---	---	0 B	12.8 B	8.87	10.8	0.478	10.8	0.738	0.144	---	---	6
7	---	---	0 B	15.5 B	7.80	10.6	0.519	8.47	0.881	0.142	---	---	7
8	---	---	0 B	18.6 B	6.82	8.94	0.675	8.74	0.811	0.150	---	---	8
9	---	---	0 B	24.4 B	6.29	7.48	2.79	8.22	0.448	0.153	---	---	9
10	---	---	0 B	34.9 B	5.77	6.46	4.84	8.20	0.402	0.148	---	---	10
11	---	---	0 B	41.8 B	5.75	5.38	4.88	8.74	0.388	0.150	---	---	11
12	---	---	0 B	45.9 B	5.36	4.92	3.86	8.78	0.369	0.148	---	---	12
13	---	---	0 B	43.1 B	5.53	3.67	2.67	8.81	0.320	0.158	---	---	13
14	---	---	0 B	37.3 B	5.63	3.01	1.83	8.77	0.273	0.171	---	---	14
15	---	---	0 B	28.7 B	5.00	3.48	1.25	8.88	0.248	0.177	---	---	15
16	---	---	0 B	25.0	4.84	3.13	0.900	6.89	0.230	0.188	---	---	16
17	---	---	0 B	19.4	4.19	1.88	0.889	4.77	0.210	0.217	---	---	17
18	---	---	0 B	15.0	3.84	1.52	1.88	4.92	0.188	0.214	---	---	18
19	---	---	0 B	12.2	3.75	1.18	1.85	4.88	0.181	0.1788	---	---	19
20	---	---	0 B	10.1	3.85	1.44	1.14	4.80	0.182	0.1888	---	---	20
21	---	---	0 B	8.86	3.23	1.20	0.837	4.78	0.171	0.1868	---	---	21
22	---	---	0 B	8.19	2.87	2.72	0.850	4.52	0.186	0.1818	---	---	22
23	---	---	0 B	7.52	2.50	5.02	0.841	3.72	0.158	0.1948	---	---	23
24	---	---	0 B	7.48	2.18	3.88	0.478	3.15	0.148	0.1928	---	---	24
25	---	0B	0 B	7.67	2.18	4.20	0.420	2.48	0.138	0.238	---	---	25
26	---	0B	0 B	7.08	1.80	3.32	0.384	1.84	0.128	0.238	---	---	26
27	---	0B	0 B	7.34	1.84	2.45	0.369	1.38	0.124	0.220A	---	---	27
28	---	0B	0 B	7.88	1.61	1.82	0.328	1.11	0.118	0.220E	---	---	28
29	---		0 B	8.11	1.85	1.48	0.338	0.882	0.128	0.218E	---	---	29
30	---		0.0088	8.87	2.76	1.22	0.379	0.705	0.115	0.218E	---	---	30
31	---		0.0088		7.12		0.478	1.81		0.218E		---	31
TOTAL	---	---	0.013	484.187	175.92	182.73	38.898	178.807	13.131	5.698	---	---	TOTAL
MEAN	---	---	0	16.1	5.87	5.82	1.26	5.76	0.438	0.181	---	---	MEAN
MAX	---	---	0.008	45.9	15.9	19.3	4.94	19.7	1.50	0.238	---	---	MAX
MIN	---	---	0	0.025	1.51	1.18	0.328	0.705	0.115	0.120	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.32
MAXIMUM DAILY, 45.88 ON APR 12
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
50.88 AT 23:30 MST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 18 32 N
LONG 118 40 44 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 340
FEB	---	AUG	15 400
MAR	1.12	SEP	1 130
APR	41 800	OCT	484
MAY	15 200	NOV	---
JUN	14 100	DEC	---

TOTAL DISCHARGE, 91 500 dam³

CLEARWATER RIVER ABOVE CHRISTINA RIVER - STATION NO. 07CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.48	44.58	48.58	55.88	187	107	74.8	53.4	53.7	50.8	58.0E	44.08	1
2	45.48	45.18	48.88	57.38	183	111	73.7	54.2	53.8	51.0	57.5E	43.88	2
3	45.38	45.48	48.48	58.68	180	113	72.4	53.3	53.5	51.1	54.6E	43.38	3
4	45.28	45.88	48.38	59.58	177	115	70.4	53.3	53.5	51.1	49.6E	43.38	4
5	44.98	46.78	48.28	60.78	174	115	69.2	53.5	53.4	50.5	47.5E	43.08	5
6	44.68	45.98	48.28	62.28	170	114	68.8	53.6	52.8	50.7	46.0E	42.68	6
7	44.28	46.68	48.48	63.78	168	115	68.1	53.8	52.1	50.8	45.0E	42.68	7
8	44.28	46.98	48.18	66.68	161	115	67.3	54.0	52.5	53.0	44.5E	42.48	8
9	43.78	46.88	48.28	70.18	158	114	66.4	55.1	53.4	53.6	44.0E	42.28	9
10	43.88	46.98	48.08	70.88	151	112	64.8	55.8	53.3	53.7	45.0E	42.08	10
11	43.98	47.08	46.78	72.38	147	108	63.5	58.4	53.3	53.2	46.0E	41.88	11
12	43.88	47.58	46.78	72.98	144	107	62.2	59.0	53.6	53.6	45.5E	41.88	12
13	44.08	47.48	48.08	73.18	140	105	61.5	58.3	53.0	54.3	44.0E	41.48	13
14	43.88	47.98	46.98	72.88	135	102	60.8	58.8	52.2	54.9	41.0E	41.28	14
15	43.48	47.88	46.98	78.88	132	99.7	60.1	58.3	51.4	55.8	39.0E	41.08	15
16	42.38	47.78	46.08	82.18	128	97.2	59.2	57.9	51.0	55.7	38.0E	40.88	16
17	40.98	46.18	46.98	85.08	125	94.4	58.3	58.5	51.7	57.5	37.5E	40.88	17
18	42.88	46.38	46.88	84.68	123	92.1	58.2	58.5	51.5	57.8	36.0E	40.48	18
19	42.88	46.78	49.28	114 B	123	89.8	58.3	57.7	51.7	57.7	36.5E	40.28	19
20	43.38	49.08	49.68	146 B	122	87.5	58.0	56.8	51.8	56.8	39.0E	40.08	20
21	43.58	49.18	50.18	180 B	121	85.6	57.3	58.0	51.7	57.0	40.0E	39.88	21
22	43.48	49.08	50.48	200	120	84.0	56.7	55.0	51.5	57.3	42.0E	39.88	22
23	43.58	48.18	50.78	208	118	81.7	56.3	54.3	51.3	57.0	44.0E	39.48	23
24	43.78	48.48	51.38	218	117	80.0	58.0	54.2	51.1	56.4A	44.5E	39.28	24
25	43.88	48.78	51.98	218	115	78.4	55.7	54.4	51.0	56.9E	45.0E	39.08	25
26	43.58	48.78	52.38	217	113	77.6	55.0	54.4	51.2	55.9E	45.0E	38.88	26
27	43.78	48.48	52.38	218	111	76.5	54.9	54.2	51.3	56.7E	44.8E	38.78	27
28	43.98	48.48	52.58	210	109	76.0	54.7	53.6	51.2	56.8E	44.6E	38.68	28
29	44.18		52.98	200	108	75.5	54.4	53.3	50.9	57.5E	44.4E	38.48	29
30	44.08		53.08	193	106	75.0	53.8	53.1	51.1	58.0E	44.2E	38.28	30
31	44.58		55.08		106		53.2	53.7		58.2E		38.08	31
TOTAL	1 359.2	1 333.8	1 585.0	3 579.7	4 288	2 906.4	1 903.8	1 720.0	1 586.7	1 702.8	1 336.7	1 266.3	TOTAL
MEAN	43.8	47.6	50.2	119	138	96.9	61.4	55.5	52.2	54.9	44.5	40.6	MEAN
MAX	45.4	49.7	55.0	218	187	115	74.8	59.3	53.8	58.2	58.0	44.0	MAX
MIN	40.9	44.6	48.7	56.8	106	75.5	53.2	53.1	50.9	50.8	37.5	38.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.1
MAXIMUM DAILY, 218 ON APR 25
MINIMUM DAILY, 37.5E ON NOV 17
MAXIMUM INSTANTANEOUS,
220 AT 13:11 MST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 39 40 N
LONG 110 55 40 W
DRAINAGE AREA, 17 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117 000	JUL	184 000
FEB	115 000	AUG	149 000
MAR	134 000	SEP	135 000
APR	309 000	OCT	147 000
MAY	388 000	NOV	115 000
JUN	251 000	DEC	109 000

TOTAL DISCHARGE, 3 110 000 dam³

CLEARWATER RIVER ABOVE LIMESTONE CREEK - STATION NO. 07CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	10.8	13.0	17.1	33.5	17.8	11.8	8.83	---	1
2	---	---	---	---	16.3	11.9	17.5	30.0	18.5	11.5	8.89A	---	2
3	---	---	---	---	13.5	10.9	21.8	25.5	20.3	11.4	---	---	3
4	---	---	---	---	11.1	10.8	34.0	24.8	18.8	11.5	---	---	4
5	---	---	---	---	10.2	12.4	42.0	28.8	17.8	11.5	---	---	5
6	---	---	---	---	9.86	16.9	42.5	24.1	19.3	11.3	---	---	6
7	---	---	---	---	10.4	22.1	33.2	21.7	18.1	11.1	---	---	7
8	---	---	---	---	12.8	20.2	28.7	21.3	16.8	10.8	---	---	8
9	---	---	---	---	17.2	21.7	24.7	21.3	15.8	10.8	---	---	9
10	---	---	---	---	16.2	24.5	22.8	24.0	15.2	10.3	---	---	10
11	---	---	---	---	15.8	22.2	20.8	28.5	15.2	10.1	---	---	11
12	---	---	---	---	14.4	17.4	19.3	23.8	14.9	9.99	---	---	12
13	---	---	---	---	17.8	19.0	16.2	24.9	14.8	9.86	---	---	13
14	---	---	---	---	14.8	21.7	18.1	24.4	14.9	9.87	---	---	14
15	---	---	---	---	12.9	24.4	20.0	24.5	15.2	9.98	---	---	15
16	---	---	---	---	12.0	30.6	22.1	23.8	15.0	9.85	---	---	16
17	---	---	---	---	11.4	25.4	19.8	23.2	13.6	9.84	---	---	17
18	---	---	---	---	11.7	26.8	18.8	23.4	13.1	9.89	---	---	18
19	---	---	---	---	12.8	22.4	21.2	21.4	12.8	9.39	---	---	19
20	---	---	---	---	11.8	22.3	21.2	20.3	12.3	9.31	---	---	20
21	---	---	---	---	11.1	22.2	21.1	18.5	12.0	9.21	---	---	21
22	---	---	---	---	10.8	23.6	23.1	18.5	11.8	9.13	---	---	22
23	---	---	---	---	10.1	19.8	23.8	17.7	11.8	8.87	---	---	23
24	---	---	---	---	8.87	16.1	25.3	17.5	12.1	8.92	---	---	24
25	---	---	---	---	10.0	13.1	31.1	17.7	12.0	8.83	---	---	25
26	---	---	---	---	10.3	12.1	40.3	17.5	13.1	8.82	---	---	26
27	---	---	---	5.80A	11.0	14.0	33.8	17.0	13.8	8.72	---	---	27
28	---	---	---	5.74	12.5	15.5	30.8	17.0	12.8	8.70	---	---	28
29	---		---	5.78	14.3	16.1	29.7	21.5	12.4	8.87	---	---	29
30	---		---	7.28	14.5	17.0	30.3	18.3	12.1	8.84	---	---	30
31	---		---		13.9		30.8	17.8		8.84	---	---	31
TOTAL	---	---	---	---	383.73	579.5	802.4	689.3	443.7	306.98	---	---	TOTAL
MEAN	---	---	---	---	12.7	19.3	25.9	23.2	14.8	9.90	---	---	MEAN
MAX	---	---	---	---	16.2	30.6	42.5	33.5	20.3	11.8	---	---	MAX
MIN	---	---	---	---	8.87	10.9	17.1	17.0	11.8	8.84	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.5
MAXIMUM DAILY, 42.5 ON JUL 5
MINIMUM DAILY, 8.84 ON OCT 30
MAXIMUM INSTANTANEOUS,
48.5 AT 21:55 MST ON JUL 5

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 30 N
LONG 115 28 00 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	68 300
FEB	---	AUG	59 500
MAR	---	SEP	36 300
APR	---	OCT	26 500
MAY	34 000	NOV	---
JUN	50 100	DEC	---

TOTAL DISCHARGE, 278 000 dam³

CLEARWATER RIVER AT DRAPER - STATION NO. 07CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.98	53.78	58.18	62.68	288	155	106	73.4	78.7	69.2	72.3	50.88	1
2	59.98	53.98	58.08	62.78	284	164	108	78.2	78.4	69.0	72.0	50.68	2
3	58.88	54.18	57.88	64.38	278	188	104	73.7	76.7	69.3	71.08	50.48	3
4	58.88	54.48	57.68	64.88	285	173	101	73.9	77.8	68.9	69.88	50.28	4
5	59.98	56.28	57.58	65.38	280	178	98.6	74.8	77.3	67.9	67.08	50.08	5
6	59.68	56.48	57.18	70.38	284	181	98.0	78.5	76.9	67.6	62.58	49.88	6
7	59.98	56.48	57.28	74.38	248	188	96.1	78.3	76.1	66.5	58.58	49.68	7
8	60.18	57.08	56.98	78.88	240	194	94.1	78.7	74.7	71.0	54.08	49.48	8
9	60.18	56.48	57.28	86.28	231	198	93.2	78.5	76.3	70.7	50.08	49.28	9
10	60.18	56.78	56.88	86.88	224	195	90.7	81.0	76.2	71.1	50.58	49.08	10
11	60.18	57.08	56.28	91.28	217	191	88.8	85.6	74.9	70.1	52.08	48.78	11
12	60.28	57.58	56.18	95.08	212	185	87.0	87.7	74.8	70.7	53.08	48.38	12
13	57.78	57.38	56.18	101 B	208	180	88.0	90.1	75.2	71.3	52.58	48.08	13
14	56.18	57.48	56.18	107 B	200	172	84.8	92.0	74.0	71.7	50.08	47.78	14
15	54.88	56.28	56.38	116 B	194	166	83.0	84.3	72.6	72.9	48.08	47.58	15
16	53.48	56.28	56.28	184 B	188	159	81.7	88.7	72.8	74.0	43.58	47.38	16
17	50.88	56.78	56.18	185 B	183	153	82.2	87.2	72.4	74.2	43.08	47.08	17
18	52.08	56.08	56.08	185 B	178	149	80.8	86.5	71.6	74.1	42.58	46.78	18
19	53.18	55.88	55.88	235 B	178	144	80.2	86.1	71.9	74.8	43.08	46.38	19
20	53.18	50.18	56.18	285 B	180	140	79.0	84.0	72.1	73.3	48.08	46.08	20
21	52.98	50.18	55.88	293 B	180	137	77.8	81.7	72.0	73.9	50.08	45.78	21
22	52.58	59.58	57.28	305	178	133	76.4	80.6	72.3	73.5	52.08	45.48	22
23	52.88	59.08	57.58	314	178	127	76.7	80.3	72.4	72.8	52.58	45.08	23
24	52.98	59.38	58.28	322	174	124	76.4	87.5	71.7	72.3	53.08	44.78	24
25	53.08	59.88	58.58	322	170	120	74.8	87.3	71.2	72.0	53.08	44.38	25
26	52.98	58.48	58.78	332	166	118	73.3	85.8	71.1	71.3	52.58	44.08	26
27	52.98	58.08	58.48	330	163	116	72.8	86.0	70.2	70.5	52.28	43.88	27
28	53.48	57.98	58.38	314	158	113	73.0	83.4	70.1	70.5	52.08	43.68	28
29	53.98		58.38	308	155	111	72.1	82.3	69.7	71.0	51.58	43.48	29
30	53.88		59.38	295	152	111	71.8	80.3	69.6	71.5	51.08	43.28	30
31	54.08		61.48		153		72.4	80.3		72.0		43.08	31
TOTAL	1 734.0	1 606.3	1 780.0	5 374.9	6 337	4 640	2 638.0	2 638.0	2 212.3	2 211.5	1 818.5	1 456.6	TOTAL
MEAN	55.9	57.4	57.4	179	204	155	85.1	85.1	73.7	71.3	54.0	47.1	MEAN
MAX	60.2	60.1	61.4	322	288	188	108	97.2	78.7	74.8	72.3	50.8	MAX
MIN	50.8	53.7	56.9	62.8	152	111	71.8	73.4	69.6	67.8	43.8	43.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.6
MAXIMUM DAILY, 322 ON APR 24
MINIMUM DAILY, 43.68 ON NOV 18
MAXIMUM INSTANTANEOUS,
324 AT 10:48 MST ON APR 24

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 07 N
LONG 111 15 15 W
DRAINAGE AREA, 30 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	180 000	JUL	223 000
FEB	138 000	AUG	226 000
MAR	184 000	SEP	181 000
APR	464 000	OCT	191 000
MAY	848 000	NOV	140 000
JUN	801 000	DEC	128 000

TOTAL DISCHARGE, 2 980 000 dam³

CLEARWATER RIVER NEAR DOVERCOURT - STATION NO. 08DB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.788	8.618	8.688	8.738	10.1	14.8	18.4	38.3	22.3	14.8	10.8	7.888	1
2	7.888	8.618	8.688	10.2 B	13.8	13.7	17.7	37.7	21.8	14.2	10.8	7.328	2
3	7.808	8.618	8.608	10.3 B	16.8	12.7	18.2	36.7	23.3	13.8	10.8	7.108	3
4	7.538	8.648	8.688	10.8	14.8	11.8	24.8	33.4	23.7	14.0	10.8	8.878	4
5	7.488	8.878	8.728	10.8	13.1	11.8	33.8	36.2	23.4	13.8	10.8	8.888	5
6	7.388	8.708	8.808	10.8	12.1	13.7	40.8	35.3	22.0	13.7	10.4	8.408	6
7	7.318	8.738	8.788	10.8	11.8	17.1	38.8	32.0	22.8	13.8	10.3	8.188	7
8	7.248	8.788	8.708	10.8	11.8	18.2	33.4	28.8	21.8	13.2	10.1	8.908	8
9	7.178	8.798	8.878	8.81	13.3	18.8	28.7	28.1	20.8	13.0	9.88	8.858	9
10	7.108	8.828	8.828	8.38	18.0	20.3	27.8	32.0	20.2	12.8	9.88	8.488	10
11	7.048	8.888	8.428	8.18	17.3	21.8	28.8	33.8	19.8	12.8	9.87	8.208	11
12	8.898	8.888	8.388	8.83	16.1	20.1	23.4	32.8	19.3	12.8	9.84	4.888	12
13	8.858	8.888	8.388	8.73	15.7	17.8	22.1	33.2	18.8	12.2	9.86	4.838	13
14	8.818	8.808	8.388	8.84	17.1	16.8	20.7	33.4	18.7	12.2	9.88	4.888	14
15	8.878	8.918	8.348	8.08	18.8	20.3	20.4	34.0	18.4	12.1	9.44	4.318	15
16	8.838	8.828	8.338	8.88	14.2	28.7	23.0	32.8	18.3	12.1	9.338	3.788	16
17	8.808	8.818	8.328	8.84	13.8	30.8	23.8	31.7	18.2	12.0	9.228	3.808	17
18	8.778	8.808	8.318	8.12	13.1	30.2	23.1	31.2	17.8	11.8	9.118	3.838	18
19	8.748	8.888	8.308	8.86	14.0	28.3	28.3	30.8	18.7	11.7	9.018	3.878	19
20	8.718	8.888	8.318	8.81	14.8	22.8	27.0	28.0	18.1	11.8	8.98	3.818	20
21	8.888	8.838	8.338	8.34	13.8	22.4	26.2	28.8	18.8	11.4	8.85	3.878	21
22	8.888	8.798	8.388	8.80	13.1	22.1	36.3	25.4	18.1	11.3	8.84	3.048	22
23	8.878	8.768	8.408	8.88	12.4	22.4	38.8	24.3	14.8	11.1	8.89	2.788	23
24	8.888	8.728	8.488	8.34	11.8	20.2	36.7	24.4	14.8	11.0	8.80	2.888	24
25	8.888	8.688	8.588	8.18	11.4	17.8	36.0	23.8	14.7	10.8	8.70	2.888	25
26	8.848	8.648	8.708	8.80	11.2	15.8	44.2	23.4	15.1	11.0	8.58	3.348	26
27	8.838	8.628	8.808	8.83	11.3	14.8	48.3	22.8	15.4	10.8	8.40	3.058	27
28	8.628	8.608	7.188	8.83	11.8	15.2	40.8	21.8	15.3	10.7	8.188	2.738	28
29	8.628		7.608	8.84	13.2	17.0	37.3	22.8	15.8	10.8	7.978	2.608	29
30	8.628		8.408	8.89	14.8	18.0	38.1	23.8	15.0	10.8	7.748	2.388	30
31	8.618		8.888		15.0		34.3	24.0		10.5		2.148	31
TOTAL	215.91	189.48	208.82	282.87	423.8	572.5	936.5	927.1	598.1	377.3	281.88	138.45	TOTAL
MEAN	8.86	8.77	8.77	8.43	13.7	18.1	30.3	28.8	18.8	12.2	8.39	4.47	MEAN
MAX	7.78	8.82	8.88	10.8	17.3	30.5	48.3	38.3	23.7	14.8	10.8	7.58	MAX
MIN	8.61	8.60	8.30	8.83	10.1	11.8	17.7	21.8	14.8	10.5	7.74	2.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 48.3 ON JUL 27
MINIMUM DAILY, 2.148 ON DEC 31
MAXIMUM INSTANTANEOUS,
48.8 AT 01:41 MST ON JUL 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 09 N
LONG 114 51 14 W
DRAINAGE AREA, 2 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 700	JUL	81 100
FEB	16 400	AUG	80 100
MAR	18 100	SEP	48 000
APR	24 400	OCT	32 600
MAY	36 800	NOV	24 300
JUN	49 500	DEC	12 000

TOTAL DISCHARGE, 442 000 dam³

COAL LAKE RESERVOIR NEAR WETASKIWIN - STATION NO. 05PA015

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	702.800	702.805	702.793	702.814	702.835	702.885	702.810	702.780	702.812	702.775	702.899	702.875	1
2	702.798	702.804	702.793	702.841	702.837	702.871	702.801	702.813	702.838	702.772	702.893	702.878	2
3	702.800	702.806	702.793	702.876	702.828	702.831	702.815	---	702.911	702.774	702.889A	702.878	3
4	702.798	702.808	702.794	702.807	702.821	702.823	702.788	---	702.888	702.783	702.702A	702.875	4
5	702.799	702.800	702.790	702.838	702.812	702.825	702.773	---	702.884	702.762	702.705	702.872	5
6	702.788	702.802	702.788	702.878	702.807	702.839	702.782	---	702.888	702.758	702.708	702.871	6
7	702.799	702.795	702.793	703.005	702.800	702.829	702.770	---	702.848	702.787	702.704	702.870	7
8	702.795	702.788	702.788	703.032	702.898	702.811	702.770	---	702.843	702.836	702.702	702.869	8
9	702.795	702.788	702.785	703.080	702.882	702.806	702.775	---	702.854	702.781	702.701	702.867	9
10	702.795	702.798	702.781	703.077	702.883	702.844	702.772	---	702.840	702.765	702.702	702.868	10
11	702.795	702.799	702.780	703.088	702.875	702.848	702.785	---	702.841	702.764	702.702	702.885	11
12	702.796	702.798	702.784	703.101	702.881	702.850	702.789	---	702.838	702.763	702.701	702.868	12
13	702.797	702.803	702.784	703.108	702.878	702.848	702.781	---	702.841	702.763	702.898	702.868	13
14	702.797	702.802	702.785	703.110	702.883	702.843	702.788	---	702.810	702.730	702.710	702.886	14
15	702.798	702.801	702.788	703.101	702.888	702.841	702.748	---	703.818	702.721	702.887	702.885	15
16	702.798	702.802	702.788	703.089	702.883	702.885	702.749	---	702.817	702.728	702.888	702.881	16
17	702.798	702.801	702.784	703.078	702.870	702.855	702.747	---	702.810	702.726	702.884	702.884	17
18	702.800	702.788	702.787	703.067	702.879	702.850	702.740	---	702.810	702.737	702.890	702.888	18
19	702.804	702.785	702.788	703.058	702.930	702.844	702.747	---	702.803	702.728	702.887	702.883	19
20	702.804	702.784	702.789	703.041	702.912	702.881	702.750	---	703.805	702.711	702.888	702.889	20
21	702.804	702.783	702.791	703.030	702.903	702.838	702.752	---	702.804	702.721	702.887	702.887	21
22	702.803	702.783	702.788	703.018	702.905	702.850	702.754	---	702.803	702.719	702.888	702.888	22
23	702.803	702.784	702.783	703.005	702.908	702.843	702.752	---	702.811	702.703	702.885	702.888	23
24	702.804	702.785	702.783	702.989	702.901	702.851	702.747	---	702.787	702.713	702.882	702.888	24
25	702.803	702.783	702.780	702.981	702.896	702.826	702.741	---	702.788	702.713	702.881	702.887	25
26	702.804	702.783	702.781	703.974	702.878	702.831	702.742	702.788A	702.809	702.718	702.878	702.886	26
27	702.804	702.784	702.783	702.865	702.871	702.818	702.738	702.802	702.788	702.710	702.877	702.887	27
28	702.805	702.784	702.784	702.958	702.887	702.819	702.738	702.817	702.788	702.702	702.878	702.888	28
29	702.803		702.785	702.854	702.868	702.809	702.732	702.828	702.783	702.888	702.878	702.871	29
30	702.805		702.788	702.840	702.880	702.831	702.730	702.815	702.787	702.700	702.878	702.877	30
31	702.805		702.786		702.880		702.740	702.813		702.894		703.870	31
MEAN	702.800	702.798	702.787	703.007	702.892	702.838	702.758	---	702.828	702.738	702.883	702.888	MEAN
MAX	702.805	702.808	702.788	703.110	702.937	702.885	702.818	---	702.911	702.838	702.710	702.877	MAX
MIN	702.795	702.783	702.780	702.814	702.880	702.806	702.730	---	702.783	702.884	702.877	702.881	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 703.110 ON APR 14
MINIMUM DAILY, 702.881 ON DEC 18
MAXIMUM INSTANTANEOUS,
703.112 AT 24:00 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 07 N
LONG 113 13 09 W

A - MANUAL GAUGE

REGULATED SINCE 1973

DRAINAGE AREA,
1 240 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

COLD LAKE AT COLD LAKE - STATION NO. 06AF002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	534.823	534.813	534.808	534.881	535.023	535.130A	535.128	535.074	535.035	534.968	534.822	---	1
2	534.822	534.813	534.810	534.883	535.026	535.110	535.118	535.103	535.036	534.966	534.822	---	2
3	534.825	534.818	534.804	534.888	535.033	535.119	535.127	535.073	535.052	534.962	534.813	---	3
4	534.821	534.818	534.899	534.887	535.031	535.105A	535.138	535.085	535.065	534.958	534.811	---	4
5	534.822	534.812	534.898	534.891	535.038	535.108	535.103	535.087	535.061	534.951	534.808	---	5
6	534.822	534.808	534.895	534.898	535.038	535.108	535.128	535.080	535.042	534.948	534.808	---	6
7	534.823	534.808	534.900	534.907	535.040	535.111	535.099	535.049	535.038	534.943	534.801	---	7
8	534.822	534.807	534.903	534.918	535.039	535.112	535.084	535.084	535.048	534.921	534.799	---	8
9	534.824	534.812	534.903	534.937	535.043	535.109	535.141	535.081	535.057	534.885	534.797	---	9
10	534.823	534.814	534.902	534.945	535.041	535.112	535.113	535.044	535.052	534.878	534.792	---	10
11	534.822	534.814	534.902	534.948	535.044	535.123	535.093	535.054	535.057	534.878	534.791	---	11
12	534.821	534.820	534.903	534.952	535.043	535.128	535.084	535.048	535.057	534.875	534.792	---	12
13	534.812	534.824	534.898	534.956	535.045	535.117	535.088	535.043	535.040	534.870	534.791	---	13
14	534.808	534.824	534.894	534.959	535.048	535.130	535.081	535.042	535.029	534.867	534.795	534.735A	14
15	534.815	534.821	534.893	534.964	535.048	535.110	535.094	535.043	535.010A	534.868	534.794A	534.741	15
16	534.817	534.818	534.889	534.967	535.050	535.103	535.094	535.042	534.992	534.858	---	534.738	16
17	534.814	534.817	534.881	534.988	535.051	535.121	535.091	535.042	534.996	534.852	---	534.737	17
18	534.889	534.821	534.880	534.973	535.052	535.120	535.090	535.044	534.989	534.853	---	534.734	18
19	534.891	534.821	534.880	534.977	535.057	535.117	535.094	535.045	534.988	534.845	---	534.728	19
20	534.893	534.818	534.885	534.983	535.100	535.118	535.088	535.050	534.986	534.847	---	534.741	20
21	534.894	534.818	534.885	534.986	535.102	535.121	535.084	535.061	534.987	534.838	---	534.738	21
22	534.898	534.818	534.886	534.991	535.102	535.118	535.080	535.043	534.986	534.838	---	534.731A	22
23	534.901	534.815	534.885	534.996	535.101	535.111A	535.078	535.043	534.987	534.833	---	534.731A	23
24	534.904	534.818	534.887	535.009	535.103	535.113	535.082	535.046	534.983	534.831	534.788A	534.731	24
25	534.907	534.818	534.887	535.010	535.104	535.112	535.082	535.055	534.956	534.823	---	534.728	25
26	534.907	534.817	534.888	535.013	535.104	535.107	535.078	535.045	534.950	534.823	---	534.728	26
27	534.908	534.818	534.894	535.017	535.104	535.108	535.074	535.041	534.952	534.822	---	534.731	27
28	534.909	534.810	534.895	535.017	535.116	535.104	535.084	535.041	534.950	534.821	---	534.724	28
29	534.908		534.896	535.018	535.124	535.100	535.091	535.040	534.953	534.818	---	534.692	29
30	534.909		534.893	535.018	535.128	535.128	535.083	535.034	534.957	534.818	---	534.764	30
31	534.911		534.878		535.123		535.087	535.034		534.827		534.713	31
MEAN	534.913	534.815	534.887	534.959	535.089	535.114	535.087	535.050	535.010	534.874	---	---	MEAN
MAX	534.925	534.824	534.910	535.018	535.128	535.130	535.141	535.103	535.065	534.968	---	---	MAX
MIN	534.889	534.808	534.878	534.881	535.023	535.100	535.074	535.034	534.950	534.818	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 535.141 ON JUL 9
MINIMUM DAILY, 534.692 ON DEC 29
MAXIMUM INSTANTANEOUS,
535.176 AT 05:40 MST ON JUL 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 15 N
LONG 110 10 55 W

A - MANUAL GAUGE

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
8 510 km²

COLQUHOUN CREEK NEAR GRANDE PRAIRIE - STATION NO. 07GE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.74 B	0.022	0	0.032	0.128	0.004	0	---	---	1
2	---	---	0 B	7.84 B	0.027	0.001	0.038	0.007	0.004	0	---	---	2
3	---	---	0 B	7.47 B	0.027	0	0.038	0	0.004	0	---	---	3
4	---	---	0 B	6.50 B	0.031	0	0.042	0	0.003	0	---	---	4
5	---	---	0 B	2.90 B	0.032	0	0.046	0	0.003	0	---	---	5
6	---	---	0 B	1.35 E	0.032	0	0.048	0.001	0.002	0	---	---	6
7	---	---	0 B	0.950E	0.027	0	0.042	0.001	0.002	0	---	---	7
8	---	---	0 B	0.778A	0.022	0	0.041	0	0.002	0.001	---	---	8
9	---	---	0 B	0.676	0.020	0	0.040	0	0.002	0.001	---	---	9
10	---	---	0 B	0.586	0.019	0	0.038	0.001	0.002	0.001	---	---	10
11	---	---	0 B	0.557	0.018	0	0.032	0.002	0.002	0.001	---	---	11
12	---	---	0 B	0.521	0.016	0	0.029	0.001	0.001	0	---	---	12
13	---	---	0 B	0.424	0.013	0	0.028	0.001	0.001	0	---	---	13
14	---	---	0 B	0.383	0.013	0.001	0.023	0.001	0	0	---	---	14
15	---	---	0 B	0.332	0.013	0.002	0.018	0.001	0.001	0	---	---	15
16	---	---	0 B	0.257	0.013	0.004	0.016	0.001	0	0	---	---	16
17	---	0B	0 B	0.183	0.011	0.007	0.015	0	0	0	---	---	17
18	---	0B	0 B	0.148	0.009	0.009	0.012	0	0	0.001	---	---	18
19	---	0B	0 B	0.080	0.008	0.011	0.010	0	0	0.001	---	---	19
20	---	0B	0 B	0.072	0.007	0.012	0.008	0	0	0.001	---	---	20
21	---	0B	0 B	0.062	0.005	0.010	0.008	0	0	0.001	---	---	21
22	---	0B	0 B	0.032	0.004	0.012	0.007	0	0	0	---	---	22
23	---	0B	0 B	0.022	0.002	0.010	0.005	0	0	0	---	---	23
24	---	0B	0 B	0.024	0.001	0.010	0.003	0	0	0	---	---	24
25	---	0B	0 B	0.028	0	0.010	0.002	0.031	0	0	---	---	25
26	---	0B	0 B	0.031	0	0.017	0.001	0.014	0	0	---	---	26
27	---	0B	0 B	0.028	0	0.020	0	0.008	0	0	---	---	27
28	---	0B	0 B	0.021	0	0.023	0	0.004	0	0	---	---	28
29	---		0 B	0.018	0.001	0.028	0.002	0.003	0	0	---	---	29
30	---		0.040B	0.018	0.001	0.028	0.002	0.003	0	0	---	---	30
31	---		4.47 B		0.001		0.004	0.003		0		---	31
TOTAL	---	---	4.510	37.807	0.383	0.240	0.824	0.302	0.033	0.008	---	---	TOTAL
MEAN	---	---	0.145	1.26	0.013	0.008	0.020	0.007	0.001	0	---	---	MEAN
MAX	---	---	4.47	7.47	0.032	0.028	0.048	0.128	0.004	0.001	---	---	MAX
MIN	---	---	0	0.018	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 7.678 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.0B AT 22:30 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 07 N
LONG 119 06 43 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	63.8
FEB	---	AUG	17.6
MAR	380	SEP	2.85
APR	3 270	OCT	0.69
MAY	34.0	NOV	---
JUN	20.7	DEC	---

TOTAL DISCHARGE, 3 780 dam³

COLUMBINE CREEK NEAR THE MOUTH - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	0.052A	0E	0E	0 E	0	0	---	---	1
2	---	---	---	0.0088	0.058E	0E	0A	0 E	0	0.001	---	---	2
3	---	---	---	0.0088	0.051E	0E	0E	0 E	0	0	---	---	3
4	---	---	---	0.0758	0.045E	0E	0E	0 E	0	0	---	---	4
5	---	---	---	0.3508	0.039E	0E	0E	0 E	0	0	---	---	5
6	---	---	---	0.5788	0.034E	0E	0E	0 A	0	0	---	---	6
7	---	---	---	2.04 B	0.028E	0E	0E	0.001	0	0	---	---	7
8	---	---	---	2.63 B	0.023E	0E	0E	0	0	0	---	---	8
9	---	---	---	2.70 B	0.017E	0E	0E	0.003	0	0	---	---	9
10	---	---	---	1.89 B	0.011E	0A	0E	0.015	0.001	0	---	---	10
11	---	---	---	1.59 B	0.005E	0E	0E	0.014	0.002	0	---	---	11
12	---	---	---	1.44 B	0 A	0E	0E	0.008	0.003	0	---	---	12
13	---	---	---	1.84	0 E	0E	0A	0.005	0.004	0	---	---	13
14	---	---	---	1.40	0 E	0E	0E	0.002	0.004	0	---	---	14
15	---	---	---	1.09	0 E	0E	0E	0	0.006	0	---	---	15
16	---	---	---	0.880	0 E	0E	0E	0	0.005	0	---	---	16
17	---	---	---	0.857	0 E	0E	0E	0	0.003	0	---	---	17
18	---	---	---	0.742	0 E	0E	0E	0	0.002	0	---	---	18
19	---	---	---	0.628E	0 E	0E	0E	0	0.002	0	---	---	19
20	---	---	---	0.515E	0 E	0E	0E	0	0.002	0	---	---	20
21	---	---	---	0.402E	0 E	0E	0E	0	0	0	---	---	21
22	---	---	---	0.288A	0 E	0E	0E	0	0	0	---	---	22
23	---	---	---	0.263E	0 E	0E	0E	0	0.001	0.001	---	---	23
24	---	---	---	0.238E	0 E	0E	0E	0	0	0.003	---	---	24
25	---	---	---	0.213E	0 E	0E	0E	0.001	0	0.004	---	---	25
26	---	---	---	0.188E	0 A	0E	0E	0	0	0.001	---	---	26
27	---	---	---	0.162E	0 E	0E	0E	0	0	0	---	---	27
28	---	---	---	0.137E	0 E	0E	0E	0	0	0.001	---	---	28
29	---		---	0.113E	0 E	0E	0E	0	0	0.005A	---	---	29
30	---		---	0.087E	0 E	0E	0E	0	0	0.005E	---	---	30
31	---		---		0 E		0E	0		0.005E		---	31
TOTAL	---	---	---	33.875	0.373	0	0	0.053	0.035	0.035	---	---	TOTAL
MEAN	---	---	---	0.786	0.013	0	0	0.002	0.001	0.001	---	---	MEAN
MAX	---	---	---	2.83	0.062	0	0	0.015	0.006	0.005	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.838 ON APR 8
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
3.048 AT 06:38 MST ON APR 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 21 N
LONG 111 06 22 W
DRAINAGE AREA, 241 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	4.56
MAR	---	SEP	3.02
APR	2 060	OCT	2.25
MAY	32.1	NOV	---
JUN	0	DEC	---

REMARKS - DATA 1977-1981 CONTRIBUTED BY PROVINCE AND PUBLISHED UNDER 05AA001

CONNOR CREEK NEAR SANGUDO - STATION NO. 07EB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0858	0.143	0.137	0.011	0	0.005	0	---	---	1
2	---	---	---	0.1308	0.131	0.124	0.013	0.001	0.005	0	---	---	2
3	---	---	---	0.7458	0.080	0.113	0.007	0	0.005	0	---	---	3
4	---	---	---	3.38 B	0.042	0.112	0	0.001	0.005	0	---	---	4
5	---	---	---	4.18 B	0.049	0.103	0	0.003	0.004	0	---	---	5
6	---	---	---	3.74 B	0.085	0.148	0	0.004	0.002	0.001	---	---	6
7	---	---	---	3.09 B	0.093	0.123	0.002	0.006	0.001	0.002	---	---	7
8	---	---	---	2.65	0.112	0.088	0.005	0.007	0	0.002	---	---	8
9	---	---	---	1.94	0.116	0.078	0.008	0.008	0	0.001	---	---	9
10	---	---	---	1.50	0.128	0.078	0.004	0.009	0	0.001	---	---	10
11	---	---	---	1.13	0.138	0.070	0.044	0.008	0	0.002	---	---	11
12	---	---	---	0.775	0.150	0.061	0.028	0.005	0	0.002	---	---	12
13	---	---	---	0.473	0.164	0.093	0.020	0.007	0	0.001	---	---	13
14	---	---	---	0.385	0.155	0.082	0.017	0.008	0	0.001	---	---	14
15	---	---	---	0.238	0.146	0.095	0.017	0.007	0	0.001	---	---	15
16	---	---	---	0.124	0.143	0.062	0.017	0.006	0.004	0.002	---	---	16
17	---	---	---	0.085	0.142	0.018	0.015	0.007	0.005	0.002	---	---	17
18	---	---	---	0.029	0.150	0.026	0.013	0.005	0.005	0.001	---	---	18
19	---	---	---	0.013	0.224	0.021	0.009	0.003	0.005	0.001	---	---	19
20	---	---	---	0.024	0.220	0.013	0.008	0.005	0.004	0.001	---	---	20
21	---	---	---	0.038	0.171	0.012	0.002	0.006	0.003	0.001	---	---	21
22	---	---	---	0.029	0.157	0.021	0	0.007	0.002	0.001	---	---	22
23	---	---	---	0.011	0.161	0.018	0	0.008	0.001	0.001	---	---	23
24	---	---	---	0.007	0.160	0.018	0	0.007	0	0.001	---	---	24
25	---	---	---	0.010	0.163	0.015	0	0.007	0	0.001	---	---	25
26	---	---	---	0.018	0.148	0.014	0	0.007	0	0.001	---	---	26
27	---	---	---	0.024	0.129	0.014	0	0.008	0	0 A	---	---	27
28	---	---	---	0.024	0.117	0.013	0	0.008	0	0 E	---	---	28
29	---		---	0.068	0.137	0.010	0	0.008	0	0 E	---	---	29
30	---		---	0.111	0.138	0.011	0	0.005	0	0 E	---	---	30
31	---		0B		0.141		0	0.005		0 E		---	31
TOTAL	---	---	---	34.912	4.178	1.808	0.487	0.172	0.058	0.027	---	---	TOTAL
MEAN	---	---	---	0.830	0.135	0.060	0.015	0.006	0.002	0.001	---	---	MEAN
MAX	---	---	---	4.18	0.224	0.148	0.044	0.009	0.005	0.002	---	---	MAX
MIN	---	---	---	0.007	0.042	0.010	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.18B ON APR 5
MINIMUM DAILY, 0B ON MAR 31
MAXIMUM INSTANTANEOUS,
4.338 AT 15:29 MST ON APR 5

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 23 N
LONG 114 58 39 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	40.3
FEB	---	AUG	14.9
MAR	---	SEP	4.84
APR	3 150	OCT	2.33
MAY	381	NOV	---
JUN	159	DEC	---

COOKING LAKE AT COOKING LAKE - STATION NO. 05EB012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	738.317	738.314	738.181	738.203	738.196	738.183	---	---	1
2	---	---	---	---	738.312	738.284	738.168	738.218	738.195	738.173	---	---	2
3	---	---	---	---	738.318	738.244	738.171	738.218	738.248	738.183	---	---	3
4	---	---	---	---	738.318	738.263	738.171	738.218	738.248	---	---	---	4
5	---	---	---	---	738.311	738.263	---	738.238	---	738.173	---	---	5
6	---	---	---	---	738.311	738.233	738.170	738.237	738.228	738.173	---	---	6
7	---	---	---	---	---	738.263	738.170	738.237	---	738.143	---	---	7
8	---	---	---	738.208	---	738.243	738.180	738.232	738.234	738.173	---	---	8
9	---	---	---	---	738.298	738.233	738.185	---	738.234	738.158	---	---	9
10	---	---	---	---	738.301	738.233	738.185	738.207	738.234	---	---	---	10
11	---	---	---	---	738.301	738.243	738.180	738.227	738.234	---	---	---	11
12	---	---	---	---	738.298	738.234	738.170	738.227	738.238	738.163	---	---	12
13	---	---	---	738.258	738.306	738.233	738.190	738.222	738.224	738.153	---	---	13
14	---	---	---	---	738.298	738.233	738.175	738.222	738.244	738.153	---	---	14
15	---	---	---	---	---	738.212	738.170	738.222	738.214	738.143	---	---	15
16	---	---	---	---	---	---	738.189	738.207	738.214	738.153	---	---	16
17	---	---	---	---	738.278	738.212	738.189	738.211	738.214	738.143	---	---	17
18	---	---	---	---	738.248	738.207	738.184	738.196	738.208	738.133	---	---	18
19	---	---	---	---	738.305	738.152	738.174	738.218	738.208	738.142	---	---	19
20	---	---	---	---	738.318	---	738.189	738.221	738.203	738.133	---	---	20
21	---	---	---	---	738.300	738.152	738.189	738.228	738.203	738.133	---	---	21
22	---	---	---	---	738.305	738.195	738.189	---	738.203	738.133	---	---	22
23	---	---	738.211	---	738.300	738.172	738.181	738.208	738.201	738.143	---	---	23
24	---	---	---	---	738.284	738.142	738.189	738.188	738.198	738.133	---	---	24
25	---	738.181	---	---	738.281	738.171	738.189	738.218	738.198	738.133	---	---	25
26	---	---	---	---	738.284	738.178	738.178	738.208	---	738.123	---	---	26
27	---	---	---	---	738.324	738.171	738.188	738.208	738.188	738.123	---	---	27
28	---	---	---	738.318	738.306	738.188	738.173	738.210	738.188	738.133	---	---	28
29	---		---	---	738.284	738.188	738.188	738.195	738.188	738.133	---	---	29
30	---		---	---	738.284	738.161	738.173	738.205	738.133	738.133	---	---	30
31	---		---		738.238		738.208	738.195		738.133		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 738.324 ON MAY 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 24 59 N
LONG 113 07 15 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 198 km²

COTTONWOOD CREEK NEAR TWIN BUTTE - STATION NO. 05AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.500E	0.704	0.303	0.118	0.080	---	0.195	0.131	---	---	1
2	---	---	0.500E	0.613	0.289	0.113	0.086	---	0.185	0.129	---	---	2
3	---	---	0.500E	0.989	0.281	0.098	0.080	---	0.184	0.129	---	---	3
4	---	---	0.500E	1.46	0.273	0.101	0.088	0.175A	0.244	0.123	---	---	4
5	---	---	0.500E	1.83	0.273	0.097	0.085	0.182	0.269	0.119	---	---	5
6	---	---	0.517A	1.83	0.271	0.084	0.072	0.181	0.232	0.130	---	---	6
7	---	---	0.413	0.928	0.258	0.081	0.085	0.183	0.230	0.123	---	---	7
8	---	---	0.380	0.781	0.233	0.085	0.082	0.185	0.210	0.122	---	---	8
9	---	---	0.379	0.681	0.208	0.080	0.088	0.170	0.194	0.131	---	---	9
10	---	---	0.384	0.489	0.182	0.080	0.089	0.183	0.188	0.133	---	---	10
11	---	---	0.318	0.478	0.188	0.070	0.078	0.448	0.177	0.130	---	---	11
12	---	---	0.278	0.404	0.187	0.088	0.074	0.442	0.178	0.123	---	---	12
13	---	---	0.438	0.365	0.182	0.080	0.088	0.280	0.168	0.118	---	---	13
14	---	---	0.342	0.373	0.147	0.080	0.083	0.733	0.170	0.123	---	---	14
15	---	---	0.318	0.387	0.134	0.084	0.080	0.838	0.170	0.137	---	---	15
16	---	---	0.304	0.418	0.138	0.081	0.087	0.443	0.183	0.148	---	---	16
17	---	---	0.288	0.788	0.185	0.084	0.082	0.312	0.183	0.141	---	---	17
18	---	---	0.283	0.785	0.138	0.086	0.288	0.280	0.184	0.132	---	---	18
19	---	---	0.313	0.858	0.118	0.078	0.833A	0.233	0.181	0.133	---	---	19
20	---	---	0.240	0.484	0.118	0.081	---	0.200	0.158	0.132	---	---	20
21	---	---	0.247	0.404	0.138	0.071	---	0.184	0.183	0.123	---	---	21
22	---	---	0.282	0.380	0.148	0.058	3.23 A	0.200	0.144	0.128	---	---	22
23	---	---	0.330	0.408	0.138	0.083	---	0.218	0.147	0.120	---	---	23
24	---	---	0.282	0.488	0.123	0.081	---	0.532	0.147	0.118	---	---	24
25	---	---	0.288	0.404	0.140	0.049	---	0.778	0.141	0.120	---	---	25
26	---	---	0.302	0.380	0.273	0.045	---	0.879	0.171	0.118	---	---	26
27	---	---	0.357A	0.342	0.443	0.048	---	0.389	0.189	0.118A	---	---	27
28	---	---	0.320A	0.335	0.376	0.080	---	0.288	0.178	0.100E	---	---	28
29	---		0.282A	0.307	0.211	0.088	---	0.240	0.180	0.100E	---	---	29
30	---		0.271A	0.305	0.184	0.078	---	0.232	0.141	0.100E	---	---	30
31	---		0.318		0.142		---	0.207		0.100E		---	31
TOTAL	---	---	10.753	19.070	8.285	2.188	---	---	5.387	3.808	---	---	TOTAL
MEAN	---	---	0.347	0.828	0.203	0.073	---	---	0.178	0.123	---	---	MEAN
MAX	---	---	0.517	1.83	0.443	0.118	---	---	0.269	0.148	---	---	MAX
MIN	---	---	0.312	0.305	0.118	0.045	---	---	0.141	0.100	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.23A ON JUL 22
MINIMUM DAILY, 0.045 ON JUN 26
MAXIMUM INSTANTANEOUS, 2.23 ON JUL 22

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 35 N
LONG 113 50 50 W
DRAINAGE AREA, 34.3 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	929	SEP	483
APR	1 880	OCT	339
MAY	843	NOV	---
JUN	190	DEC	---

COYOTE CREEK NEAR CHERNILL - STATION NO. 07EB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	B	0.0858	0.007	0.015	0.002	0.014	0	0	0	---	1
2	---	---	B	0.3598	0.007	0.014	0.001	0.022	0	B	B	---	2
3	---	---	B	0.7728	0.008	0.012	0.001	0.062	0	B	B	---	3
4	---	---	B	0.8748	0.007	0.010	0.001	0.037	0	B	B	---	4
5	---	---	B	0.841	0.007	0.008	0	0.085	0.001	B	08	---	5
6	---	---	B	0.727	0.008	0.008	0	0.081	0	B	---	---	6
7	---	---	B	0.588	0.008	0.008	0	0.087	0	B	---	---	7
8	---	---	B	0.456	0.008	0.008	0	0.088	0	B	---	---	8
9	---	---	B	0.377	0.008	0.004	0	0.081	0	B	---	---	9
10	---	---	B	0.307	0.010	0.004	0	0.088	0	B	---	---	10
11	---	---	B	0.250	0.008	0.004	0	0.087	0	B	---	---	11
12	---	---	B	0.197	0.012	0.003	0	0.087	0.001	B	---	---	12
13	---	---	B	0.138	0.013	0.003	0	0.042	0.001	B	---	---	13
14	---	---	B	0.092	0.013	0.003	0	0.035	0.001	B	---	---	14
15	---	---	B	0.065	0.013	0.003	0	0.028	0.001	B	---	---	15
16	---	---	0.0018	0.044	0.013	0.002	0	0.021	0.001	B	---	---	16
17	---	---	0.0018	0.038	0.013	0.002	0	0.019	0	B	---	---	17
18	---	---	0.0028	0.034	0.014	0.002	0	0.018	0	B	---	---	18
19	---	---	0.0028	0.031	0.017	0.002	0	0.012	0	B	---	---	19
20	---	---	0.0038	0.028	0.018	0.002	0	0.008	0	B	---	---	20
21	---	---	0.0048	0.020	0.021	0.003	0	0.008	0	B	---	---	21
22	---	---	0.0058	0.018	0.024	0.003	0	0.004	0	B	---	---	22
23	---	---	0.0068	0.017	0.024	0.003	0	0.004	0	B	---	---	23
24	---	---	0.0078	0.018	0.028	0.003	0	0.003	0	B	---	---	24
25	---	---	0.0088	0.014	0.028	0.002	0	0.002	0.002	B	---	---	25
26	---	---	0.0098	0.013	0.022	0.002	0	0.002	0.002	B	---	---	26
27	---	---	0.0108	0.011	0.021	0.002	0	0.001	0.002	B	---	---	27
28	---	---	0.0128	0.010	0.018	0.003	0	0.001	0.001	B	---	---	28
29	---		0.0158	0.010	0.018	0.002	0	0	0.001	B	---	---	29
30	---		0.0188	0.008	0.018	0.003	0.001	0	0.001	B	---	---	30
31	---		0.0258		0.017		0.004	0		B		---	31
TOTAL	---	---	0.128	8.283	0.480	0.137	0.010	0.788	0.015	0	---	---	TOTAL
MEAN	---	---	0.004	0.209	0.015	0.005	0	0.026	0.001	0	---	---	MEAN
MAX	---	---	0.025	0.874	0.028	0.015	0.004	0.087	0.002	0	---	---	MAX
MIN	---	---	0	0.008	0.007	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 0.8748 ON APR 4
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 52 22 N
LONG 114 40 10 W
DRAINAGE AREA, 97.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.85
FEB	---	AUG	89.0
MAR	11.1	SEP	1.30
APR	543	OCT	0
MAY	38.5	NOV	---
JUN	11.6	DEC	---

TOTAL DISCHARGE, 876 dam³

CRESSDAY RESERVOIR NEAR CRESSDAY - STATION NO 11AB087

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	983.391	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	983.180	---	4
5	---	---	984.320	---	---	---	---	---	---	---	---	---	5
6	---	---	984.321	984.051	---	---	983.574	---	---	---	---	---	6
7	---	---	984.285E	984.042	983.889E	983.765E	983.570E	983.484E	983.363E	983.249E	---	---	7
8	---	---	---	---	---	---	---	---	983.358	---	---	---	8
9	---	---	---	---	---	---	---	---	---	983.242	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	984.085	---	---	983.741	---	983.438	---	---	---	---	11
12	---	983.532	---	---	983.874	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	984.037	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	984.077E	984.022E	983.859E	983.898E	983.525E	983.424E	983.327E	983.231E	---	---	17
18	---	---	984.075	---	---	---	---	---	---	---	---	---	18
19	---	983.509	---	---	---	---	---	---	---	---	---	---	19
20	983.548	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	983.502	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	983.307	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	983.499E	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	983.982	983.831	983.633E	---	---	983.288E	---	---	---	27
28	---	983.484E	984.082E	---	983.824E	---	983.478E	983.402E	---	983.215	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	983.938E	---	983.813	983.517	---	983.277E	---	---	---	30
31	---	---	984.086E	---	983.807E	---	983.508E	983.394E	---	983.204E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 984.321 ON MAR 6

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 02 N
LONG 110 15 40 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
64.8 km²

CROWFOOT CREEK NEAR CLUNY - STATION NO 05BM008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0308	2.33 B	0.026	0.784	0.789	1.28	0.924	0.878	0.033	---	1
2	---	---	0.0408	1.72 B	0.004	0.850	0.874	1.09	1.09	0.701	0.034	---	2
3	---	---	0.0508	2.46 B	0	0.897	1.12	0.811	1.84	0.742	0.020A	---	3
4	---	---	0.0808	1.87 B	0	0.778	1.04	0.811	1.32	0.858	---	---	4
5	---	---	0.0708	1.42	0	0.784	1.12	0.758	1.34	0.832	---	---	5
6	---	---	0.0508	1.03	0	0.725	2.04	0.888	1.88	0.410	---	---	6
7	---	---	0.0408	0.827	0.008	0.888	2.88	0.897	1.81	0.281	---	---	7
8	---	---	0.0308	0.784	0.228	0.859	3.48	1.03	1.48	0.188	---	---	8
9	---	---	0.0208	0.838	0.383	0.770	3.30	1.18	1.28	0.108	---	---	9
10	---	---	0.0158	0.888	0.328	0.775	3.03	1.28	1.07	0.083	---	---	10
11	---	---	0.0158	0.670	0.301	0.842	2.78	1.28	0.948	0.047	---	---	11
12	---	---	0.0178	0.431	0.382	0.884	2.50	1.41	0.848	0.038	---	---	12
13	---	---	0.1028	0.388	0.331	0.550	2.28	1.77	0.734	0.030	---	---	13
14	---	---	0.1758	0.287	0.351	0.387	1.88	2.07	0.884	0.028	---	---	14
15	---	---	0.1488	0.243	0.488	0.318	1.71	2.18	0.595	0.018	---	---	15
16	---	---	0.0988	0.208	0.588	0.287	1.48	1.88	0.587	0.008	---	---	16
17	---	---	0.0618	0.178	0.658	0.380	1.28	1.83	0.512	0.008	---	---	17
18	---	---	0.0888	0.181	0.778	0.446	1.01	1.70	0.500	0.001	---	---	18
19	---	0.0018	0.0678	0.118	0.788	0.540	0.980	2.08	0.488	0	---	---	19
20	---	0.0018	0.0848	0.132	0.887	0.845	1.08	2.22	0.489	0	---	---	20
21	---	0.0018	0.0778	0.118	0.940	0.823	1.38	2.05	0.484	0	---	---	21
22	---	0.0018	0.0618	0.088	0.888	1.03	1.75	1.74	0.428	0	---	---	22
23	---	0.0018	0.0578	0.097	1.11	1.23	1.87	1.37	0.448	0	---	---	23
24	---	0.0018	0.0888	0.088	1.21	1.35	1.74	1.14	0.537	0	---	---	24
25	---	0.0018	0.1808	0.049	1.18	1.38	2.01	1.08	0.544	0	---	---	25
26	---	0.0018	0.5788	0.084	1.04	1.27	2.57	0.987	0.483	0	---	---	26
27	---	0.0188	0.5588	0.057	1.01	1.27	2.58	0.918	0.492	0.084	---	---	27
28	---	0.0208	0.5738	0.040	0.887	1.23	3.58	0.881	0.430	0.103	---	---	28
29	---		1.81 B	0.030	0.812	1.10	3.93	0.878	0.487	0.073	---	---	29
30	---		2.44 B	0.025	0.781	0.857	2.81	0.858	0.474	0.084	---	---	30
31	---		2.87 B		0.701		1.82	0.888		0.053	---	---	31
TOTAL	---	---	10.880	18.988	17.108	24.334	82.733	41.041	24.880	4.881	---	---	TOTAL
MEAN	---	---	0.351	0.867	0.552	0.811	2.02	1.32	0.829	0.157	---	---	MEAN
MAX	---	---	2.87	2.46	1.21	1.38	3.93	2.22	1.84	0.742	---	---	MAX
MIN	---	---	0.015	0.025	0	0.287	0.789	0.758	0.428	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.828
MAXIMUM DAILY, 3.93 ON JUL 29
MINIMUM DAILY, 0 ON MAY 3
MAXIMUM INSTANTANEOUS,
4.21 AT 00:42 MST ON JUL 29

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 00 N
LONG 112 45 40 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 430
FEB	---	AUG	3 550
MAR	941	SEP	2 150
APR	1 470	OCT	422
MAY	1 480	NOV	---
JUN	2 100	DEC	---

TOTAL DISCHARGE, 17 500 dam³

CROWSNEST RIVER AT FRANK - STATION NO 05AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.78	1.59	1.30	1.88	16.3	8.75	4.30	4.09	2.74	1.85	1.37 E	1.15	1
2	2.25	1.55	1.34	1.82	14.4	8.18	4.24	3.78	2.87	1.89A	1.40 E	1.17	2
3	2.29	1.60 B	1.88	2.08	12.3	8.85	4.18	3.87	2.88	1.80A	1.42 A	1.27	3
4	2.22	1.61	2.06	2.38	10.9	8.85	3.98	3.59	2.82	1.80A	1.37	1.88	4
5	2.05	1.62	2.12	3.05	10.8	8.28	4.48	3.80	2.88	1.80A	1.38	1.80	5
6	1.86	1.58	2.47	4.12	12.1 A	8.81	4.32	3.54	2.48	1.78A	1.38	1.50	6
7	1.528	1.67	3.80	4.18	13.0	8.94	3.98	3.41	2.45	1.78A	1.32	1.48	7
8	1.528	1.81	2.30	4.22	14.1	7.34	3.81	3.24	2.39	1.78A	1.32	1.25	8
9	1.578	1.80	2.21	3.97	15.0	7.87	3.84	3.16	2.36	1.78A	1.31	1.22	9
10	1.82	1.82	2.18	3.84	15.0	7.30	4.07	3.43	2.29	1.78A	1.30	1.80	10
11	1.85	1.85	2.08	3.86	14.2	7.01	3.95	4.08	2.24	1.78A	1.30	1.33	11
12	1.92	1.86	2.11	3.85	14.8	6.87	3.81	4.00E	2.18	1.78A	1.27	0.9848	12
13	1.88	1.89	2.08	3.48	16.2	6.58	3.71	3.90E	2.16	1.87A	1.28	0.8828	13
14	1.85	1.80	2.02	3.51	13.8	6.85	3.84	3.80E	2.11	1.71A	1.35	0.8098	14
15	1.708	1.88	2.00	4.58	13.0	6.98	3.54	3.80E	2.10	1.78A	1.29	0.9428	15
16	1.87	1.88	1.97	5.85	12.5	7.01	3.57	3.80E	2.10	1.78A	1.28	0.9888	16
17	1.85	1.85	1.98	5.79	11.5	8.40	3.80	3.70A	2.08	1.78A	0 8308	0 8308	17
18	1.71	1.83	1.84	8.21	10.5	8.87	4.87	3.81	2.05	1.78A	0 9728	0 7048	18
19	1.88	1.48	1.83	5.84	9.78	8.28	7.51	3.78	2.00	1.71A	1.40 B	0.8818	19
20	1.59	1.48	1.83	5.08	9.03	8.87	8.80	3.85	1.99	1.85A	1.38	0.8258	20
21	1.81	1.49	1.86	5.19	8.81	8.38	8.28	3.80	1.98	1.85A	1.24	0.8708	21
22	1.88	1.81	1.86	5.08	8.25A	8.85	7.25	3.28	1.83	1.88A	1.19	0.8058	22
23	1.80	1.46	1.83	5.32	7.89E	8.41	7.83	3.11	1.85	1.88A	1.18	0.8108	23
24	1.85	1.00 B	1.85	5.33	8.03A	4.81	7.17	3.06	1.87	1.84A	1.22	0.8208	24
25	1.83	0.8188	1.84	5.80	8.81	4.88	8.88	3.18	1.81	1.84E	1.23	0.8808	25
26	1.80	0.8708	1.90	5.87	8.80	4.83	8.07	3.81	2.08	1.84A	1.08	0.8208	26
27	1.80	0.9408	1.888	6.80	8.78	4.87	8.48	3.44	2.20	1.84A	1 10	0.8808	27
28	1.84	1.27	1.818	8.78	8.81	4.81	8.07	3.28	2.01	1.48A	0.882	0.8808	28
29	1.82		1.838	11.5	8.78	4.81	4.78	3.03	1.87	1.40A	0.838	0.8508	29
30	1.81		1.888	14.7	8.78	4.43	4.81	2.88	1.83	1.44A	1.08	0.8008	30
31	1.88		1.87		7.09		4.43	2.88		1.38A		0.8508	31
TOTAL	83.81	40.958	80.88	184.83	337.01	183.38	181.28	108.15	88.87	81.72	38.880	28.787	TOTAL
MEAN	1.73	1.48	1.87	5.18	10.8	8.08	4.88	3.82	2.30	1.87	1.33	0.929	MEAN
MAX	2.28	1.88	2.80	14.7	18.3	7.87	7.83	4.08	2.74	1.88	1.42	1.88	MAX
MIN	1.82	0.818	1.30	1.88	8.78	4.43	3.84	2.88	1.88	1.38	0.838	0.805	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.48
MAXIMUM DAILY, 16.3 ON MAY 1
MINIMUM DAILY, 0.8058 ON DEC 22
MAXIMUM INSTANTANEOUS
16.5 AT 15:03 MST ON MAY 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 49 N
LONG 114 24 33 W
DRAINAGE AREA, 402 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 830	JUL	13 100
FEB	3 540	AUG	8 430
MAR	5 270	SEP	5 700
APR	13 400	OCT	4 470
MAY	28 100	NOV	3 190
JUN	15 800	DEC	2 480

TOTAL DISCHARGE, 110 000 dam³

CUTBANK RIVER NEAR GRANDE PRAIRIE - STATION NO. 07EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4238	1.188	18.0	4.89	1.24	145	3.89	1.88	---	---	1
2	---	---	0.3828	1.808	16.6	4.08	1.17	172	3.88	1.84	---	---	2
3	---	---	0.3628	2.218	11.3	3.70	1.11	74.7	3.48	1.78	---	---	3
4	---	---	0.3338	2.888	8.27	3.42	1.13	42.3	3.24	1.80	---	---	4
5	---	---	0.3328	3.668	7.81	3.01	1.14	39.8	3.04	1.78	---	---	5
6	---	---	0.3428	3.868	7.21	3.21	1.13	24.0	2.88	1.78	---	---	6
7	---	---	0.3878	4.188	8.81	3.33	1.23	16.1	2.78	1.78	---	---	7
8	---	---	0.3848	5.348	8.80	2.80	1.78	11.8	2.88	1.77	---	---	8
9	---	---	0.4088	6.408	8.80	2.62	2.08	10.7	2.53	1.78	---	---	9
10	---	---	0.3868	7.888	8.84	2.52	2.17	32.0	2.48	1.88	---	---	10
11	---	---	0.3858	9.208	5.44	2.41	2.08	43.1	2.43	1.88	---	---	11
12	---	---	0.3848	10.8 B	5.21	2.28	1.84	28.4	2.33	1.87	---	---	12
13	---	---	0.4348	10.8 B	5.01	2.13	1.67	23.2	2.31	1.73	---	---	13
14	---	---	0.4828	10.8	4.48	2.12	1.38	16.8	2.18	1.87	---	---	14
15	---	---	0.5288	11.7	4.41	1.87	1.19	11.5	2.20	1.85	---	---	15
16	---	---	0.5828	10.1	4.40	1.88	1.20	9.32	2.23	1.85	---	---	16
17	---	---	0.5988	8.41	4.03	1.76	5.88	7.82	2.19	1.82	---	---	17
18	---	0.2808	0.6288	8.80	4.81	1.83	5.70	8.40	2.15	1.48 B	---	---	18
19	---	0.2888	0.6288	8.85	8.98	1.83	3.87	8.00	2.10	1.26 B	---	---	19
20	---	0.2738	0.6278	8.32	8.78	1.80	2.84	7.77	2.03	1.87 B	---	---	20
21	---	0.2908	0.6308	8.00	10.8	2.10	2.17	16.7	2.02	1.12 B	---	---	21
22	---	0.3238	0.6318	4.81	11.1	2.32	1.86	11.6	1.88	0.8788	---	---	22
23	---	0.3408	0.6158	4.28	11.1	2.01	1.84	8.78	1.87	1.14 B	---	---	23
24	---	0.3718	0.6148	4.43	10.8	1.74	1.83	7.18	1.87	1.21 B	---	---	24
25	---	0.4088	0.6428	4.83	8.71	1.88	1.48	8.20	1.87	1.04 B	---	---	25
26	---	0.4148	0.6598	4.53	8.48	1.42	1.30	5.80	1.82	0.8018	---	---	26
27	---	0.4188	0.6488	5.03	7.13	1.27	1.21	4.88	1.88	0.8808	---	---	27
28	---	0.4308	0.6198	8.72	8.34	1.24	1.18	4.82	2.03	0.8808	---	---	28
29	---		0.6208	10.1	8.81	1.26	1.30	4.28	1.88	0.8708	---	---	29
30	---		0.7068	13.2	8.18	1.32	1.44	4.31	1.82	0.8608	---	---	30
31	---		0.8868		8.41		3.80	4.03		0.8508		---	31
TOTAL	---	---	16.474	191.18	240.82	89.30	80.12	801.44	72.11	44.800	---	---	TOTAL
MEAN	---	---	0.531	8.37	7.77	2.31	1.84	25.9	2.40	1.44	---	---	MEAN
MAX	---	---	0.888	13.2	18.0	4.89	5.70	172	3.89	1.88	---	---	MAX
MIN	---	---	0.332	1.18	4.03	1.32	1.11	4.03	1.87	0.850	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.11
MAXIMUM DAILY, 172 ON AUG 2
MINIMUM DAILY, 0.3328 ON MAR 4
MAXIMUM INSTANTANEOUS,
232 AT 01:30 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 57 N
LONG 118 57 47 W
DRAINAGE AREA, 844 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 180
FEB	---	AUG	69 200
MAR	1 420	SEP	6 230
APR	15 500	OCT	3 850
MAY	20 800	NOV	---
JUN	9 880	DEC	---

TOTAL DISCHARGE, 129 000 dam³

DAPP CREEK AT HIGHWAY NO. 44 - STATION NO. 07BC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.3008	0.988	0.283	0.022E	0.020E	0.002E	0.002E	0.319E	---	1
2	---	---	0.001B	0.4878	0.789	0.259	0.021E	0.015E	0.006E	0.002E	0.316	---	2
3	---	---	0.001B	1.31 B	0.781	0.207	0.021E	0.010E	0.015E	0.002E	---	---	3
4	---	---	0.001B	2.78 B	0.678	0.169	0.020E	0.006E	0.020E	0.002E	---	---	4
5	---	---	0.001B	2.62 B	0.625	0.193	0.020E	0.003E	0.015E	0.002E	---	---	5
6	---	---	0.001B	1.28 B	0.603	0.220E	0.018E	0.002E	0.010E	0.002E	---	---	6
7	---	---	0.001B	2.20 B	0.588	0.250	0.015E	0.002E	0.008E	0.002E	---	---	7
8	---	---	0.001B	1.84 B	0.558	0.184	0.013E	0.002E	0.006E	0.002E	---	---	8
9	---	---	0.001B	2.47 B	0.541	0.159	0.010E	0.002E	0.004E	0.002E	---	---	9
10	---	---	0.001B	2.80 B	0.509	0.360E	0.008E	0.002E	0.003E	0.002E	---	---	10
11	---	---	0.001B	2.37	0.505	0.588	0.003E	0.002E	0.002E	0.004E	---	---	11
12	---	---	0.001B	2.84	0.476	0.139	0.002E	0.002E	0.002E	0.006E	---	---	12
13	---	---	0.001B	2.30	0.485	0.223	0.001	0.002E	0.002E	0.008E	---	---	13
14	---	---	0.001B	2.05	0.440	0.169	0.001E	0.002E	0.002E	0.011E	---	---	14
15	---	---	0.001B	1.68	0.437	0.159	0.001E	0.002E	0.002E	0.014E	---	---	15
16	---	---	0.001B	1.78	0.411	0.148	0.001E	0.002E	0.002E	0.018E	---	---	16
17	---	---	0.001B	1.68	0.411	0.110E	0.001E	0.002	0.002E	0.018E	---	---	17
18	---	---	0.001B	1.68	0.584	0.078	0.001E	0.002E	0.002E	0.021E	---	---	18
19	---	---	0.001B	1.63	0.484	0.070E	0.001E	0.002E	0.002E	0.025E	---	---	19
20	---	---	0.001B	1.57	0.437	0.087	0.001E	0.002E	0.002E	0.029E	---	---	20
21	---	---	0.001B	1.82	0.444	0.084	0.001E	0.002E	0.002	0.034E	---	---	21
22	---	---	0.001B	2.34	0.444	0.059	0.001E	0.002E	0.002E	0.038E	---	---	22
23	---	---	0.001B	3.02	0.386	0.032	0.001E	0.006E	0.002E	0.043E	---	---	23
24	---	0.001B	0.001B	1.91	0.488	0.027E	0.001E	0.010E	0.002E	0.048E	---	---	24
25	---	0.001B	0.001B	1.78	0.404	0.023	0.001E	0.008E	0.002E	0.053E	---	---	25
26	---	0.001B	0.001B	1.81	0.433	0.023	0.001E	0.004E	0.002E	0.070E	---	---	26
27	---	0.001B	0.001B	1.45	0.444	0.023	0.001E	0.002E	0.002E	0.100E	---	---	27
28	---	0.001B	0.001B	1.28	0.408	0.022	0.001E	0.002E	0.002E	0.250E	---	---	28
29	---		0.001B	1.09	0.321	0.023E	0.008E	0.002E	0.002E	0.320E	---	---	29
30	---		0.015B	0.987	0.297	0.022E	0.010E	0.002E	0.002E	0.322E	---	---	30
31	---		0.040B		0.294E		0.015E	0.002E		0.320E		---	31
TOTAL	---	---	0.084	53.554	16.817	4.298	0.218	0.128	0.139	1.770	---	---	TOTAL
MEAN	---	---	0.003	1.78	0.504	0.143	0.007	0.004	0.004	0.057	---	---	MEAN
MAX	---	---	0.040	3.84	0.588	0.588	0.022	0.020	0.020	0.322	---	---	MAX
MIN	---	---	0.001	0.200	0.284	0.022	0.001	0.002	0.002	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.309
MAXIMUM DAILY, 3.84 ON APR 13
MINIMUM DAILY, 0.001B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 18 30 N
LONG 113 50 55 W
DRAINAGE AREA, 563 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.8
FEB	---	AUG	10.8
MAR	7.28	SEP	11.1
APR	4 630	OCT	153
MAY	1 350	NOV	---
JUN	371	DEC	---

TOTAL DISCHARGE, 8 550 dam³

DEADFISH INFLOW CANAL NEAR CESSFORD - STATION NO. 05CH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.778	0.884	0.845	0.047	0	0	---	1
2	---	---	0	0	0	0.748	0.872	0.894	0.038	0	0	---	2
3	---	---	0	0	0	0.851	0.734	0.870	0.198	0	0	---	3
4	---	---	0	0	0.583	0.849	0.735	0.815	0.438	0	0A	---	4
5	---	---	0	0	0.782	0.874	0.883	0.825	0.418	0	---	---	5
6	---	---	0	0	0.838	0.888	0.878	0.844	0.438	0	---	---	6
7	---	---	0	0	0.492	0.738	0.885	0.874	0.402	0	---	---	7
8	---	---	0	0	0.820	0.743	0.886	0.848	0.377	0	---	---	8
9	---	---	0	0	0.841	0.724	0.836	0.703	0.087	0	---	---	9
10	---	---	0	0	0.734	0.748	0.108	0.890	0.011	0	---	---	10
11	---	---	0	0	0.711	0.707	0.070	0.802	0	0	---	---	11
12	---	---	0	0	0.724	0.840	0.088	0.886	0	0	---	---	12
13	---	---	0	0	0.743	0.803	0.086	0.888	0.001	0	---	---	13
14	---	---	0	0	0.732	0.738	0.097	0.836	0	0	---	---	14
15	---	---	0	0	0.745	0.707	0.088	0.170	0.002	0	---	---	15
16	---	---	0	0	0.737	0.781	0.092	0.120	0	0	---	---	16
17	---	---	0	0	0.886	0.887	0.087	0.119	0	0	---	---	17
18	---	---	0	0	0.853	0.848	0.176	0.077	0	0	---	---	18
19	---	---	0	0	0.810	0.781	0.886	0.018	0	0	---	---	19
20	---	---	0	0	0.784	0.588	0.828	0.008	0	0	---	---	20
21	---	---	0	0	0.788	0.483	0.252	0	0.187	0	---	---	21
22	---	---	0	0	0.822	0.324	0.126	0.042	0.240	0	---	---	22
23	---	0A	0	0	0.788	0.083	0.121	0.081	0.031	0	---	---	23
24	---	0	0	0	0.727	0.081	0.120	0.082	0.008	0	---	---	24
25	---	0	0	0	0.729	0.083	0.123	0.083	0.002	0	---	---	25
26	---	0	0	0	1.11	0.108	0.118	0.083	0.007	0	---	---	26
27	---	0	0	0	0.973	0.185	0.121	0.082	0.001	0	---	---	27
28	---	0	0	0	0.887	0.188	0.125	0.081	0	0	---	---	28
29	---		0	0	0.826	0.486	0.863	0.078	0	0	---	---	29
30	---		0	0	0.841	0.807	0.784	0.078	0	0	---	---	30
31	---		0		0.818		0.781	0.074		0	---	---	31
TOTAL	---	---	0	0	30.718	17.280	11.887	10.450	2.889	0	---	---	TOTAL
MEAN	---	---	0	0	0.888	0.576	0.378	0.337	0.088	0	---	---	MEAN
MAX	---	---	0	0	1.11	0.840	0.828	0.880	0.438	0	---	---	MAX
MIN	---	---	0	0	0	0.083	0.070	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.257
MAXIMUM DAILY, 1.11 ON MAY 26
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 53 N
LONG 111 48 32 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 010
FEB	---	AUG	803
MAR	0	SEP	248
APR	0	OCT	0
MAY	1 780	NOV	---
JUN	1 490	DEC	---

TOTAL DISCHARGE, 5 440 dam³

DEEP VALLEY CREEK NEAR VALLEYVIEW - STATION NO 07GF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.7598	2.938	13.1	4.98	1.57	324	5.74A	2.32	---	---	1
2	---	---	0.6718	3.268	11.9	4.15	1.34	226	7.83	2.19	---	---	2
3	---	---	0.5578	3.208	9.64	3.58	1.28	123	10.7	2.38	---	---	3
4	---	---	0.5248	3.048	8.34	3.11	1.23	88.2	8.58	2.91	---	---	4
5	---	---	0.5838	3.828	9.72	2.74	1.18	81.4	6.67	3.81	---	---	5
6	---	---	0.6188	3.448	8.85	3.24	1.12	35.5	6.10	2.98	---	---	6
7	---	---	0.7748	4.588	7.38	2.91	1.42	25.2	5.80	2.82	---	---	7
8	---	---	0.8368	4.858	6.69	2.43	2.23	20.6	4.98	2.59	---	---	8
9	---	---	0.8978	5.408	5.86	2.18	2.67	17.1	5.45	2.27	---	---	9
10	---	---	0.9108	6.068	5.60	1.87	2.50	33.2	4.71	2.11	---	---	10
11	---	---	0.4838	6.738	5.14	1.85	1.83	28.6	4.32	2.08	---	---	11
12	---	---	0.6368	7.028	5.01	1.72	1.69	22.2	3.82	2.01	---	---	12
13	---	---	0.7908	6.738	4.87	1.69	1.58	18.5	4.78	1.84	---	---	13
14	---	---	1.08 B	8.57	4.41	1.48	1.31	16.6	5.17	1.88	---	---	14
15	---	---	1.30 B	7.88	4.08	1.52	1.10	14.1	4.83	1.80	---	---	15
16	---	---	1.54 B	7.38	3.87	1.82	1.32	11.8	4.12	1.77	---	---	16
17	---	---	1.33 B	8.68	3.85	1.63	3.81	11.4	3.78	1.78	---	---	17
18	---	---	1.28 B	8.17	3.85	1.38	4.52	10.5	3.62	1.70	---	---	18
19	---	---	1.53 B	8.88	4.88	1.30	3.55	8.80	3.18	1.71	---	---	19
20	---	---	1.88 B	8.17	8.88	1.28	3.88	13.3	3.08	1.88	---	---	20
21	---	---	1.70 B	8.44	7.77	2.24	2.84	33.2	2.98	1.83	---	---	21
22	---	---	1.38 B	4.88	8.00	2.38	2.88	20.2	2.78	1.488	---	---	22
23	---	1.07 B	1.22 B	4.83	10.3	1.82	2.04	16.1	2.88	1.388	---	---	23
24	---	1.38 B	1.37 B	6.38	10.3	1.84	1.88	11.8	2.80	1.488	---	---	24
25	---	1.44 B	1.88 B	8.78	8.88	1.34	1.48	8.40	2.47	1.88	---	---	25
26	---	0.8088	1.88 B	5.70	7.23	1.21	1.38	7.83	2.53	1.48	---	---	26
27	---	0.8448	1.28 B	8.44	8.11	1.14	1.33	6.80	2.48	1.52A	---	---	27
28	---	0.8838	1.23 B	6.81	6.32	1.33	1.38	6.54	2.40	1.80E	---	---	28
29	---		1.30 B	11.4	5.88	1.41	1.88	6.47	2.47	1.48E	---	---	29
30	---		1.80 B	12.4	7.07	1.44	2.88	6.01	2.80	1.48E	---	---	30
31	---		2.88 B		8.88		10.5	5.88		1.44E	---	---	31
TOTAL	---	---	38.107	178.07	217.28	83.28	88.80	1 186.81	133.74	80.12	---	---	TOTAL
MEAN	---	---	1.13	5.94	7.01	2.08	2.22	38.3	4.42	1.84	---	---	MEAN
MAX	---	---	2.88	12.4	13.1	4.88	10.5	324	10.7	2.88	---	---	MAX
MIN	---	---	0.483	2.83	3.88	1.14	1.10	5.88	2.40	1.38	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.82
MAXIMUM DAILY, 324 ON AUG 1
MINIMUM DAILY, 0.4838 ON MAR 11
MAXIMUM INSTANTANEOUS,
1 200 AT 20:00 MST ON AUG 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 25 46 N
LONG 117 43 10 W
DRAINAGE AREA, 837 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 850
FEB	---	AUG	102 000
MAR	3 030	SEP	11 500
APR	15 400	OCT	5 180
MAY	18 800	NOV	---
JUN	5 380	DEC	---

TOTAL DISCHARGE, 187 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

DEER CREEK (MAIN STEM) NEAR SUNDRE - STATION NO. 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.006A	0.010	0.002	0.003	0.008	0.013	0.011	0.007	---	1
2	---	---	---	0.013	0.008	0.002	0.005	0.008	0.023	0.011	0.007	---	2
3	---	---	---	0.017	0.004	0.002	0.008	0.008	0.024	0.011	0.007	---	3
4	---	---	---	0.013	0.004	0.002	0.021	0.007	0.018	0.011	0.006A	---	4
5	---	---	---	0.013	0.004	0.002	0.018	0.008	0.017	0.011	---	---	5
6	---	---	---	0.017	0.004	0.002	0.018	0.008	0.018	0.010	---	---	6
7	---	---	---	0.014	0.004	0.002	0.013	0.005	0.017	0.010	---	---	7
8	---	---	---	0.007	0.005	0.042	0.678	0.005	0.018	0.008	---	---	8
9	---	---	---	0.004	0.004	0.003	0.061	0.005	0.015	0.008	---	---	9
10	---	---	---	0.005	0.004	0.002	0.007	0.014	0.015	0.008	---	---	10
11	---	---	---	0.005	0.004	0.002	0.005	0.012	0.014	0.008	---	---	11
12	---	---	---	0.004	0.004	0.002	0.007	0.013	0.013	0.008	---	---	12
13	---	---	---	0.005	0.004	0.001	0.007	0.018	0.013	0.007	---	---	13
14	---	---	---	0.007	0.004	0.001	0.004	0.018	0.013	0.007	---	---	14
15	---	---	---	0.006	0.004	0.001	0.004	0.015	0.013	0.008	---	---	15
16	---	---	---	0.007	0.004	0.018	0.005	0.014	0.012	0.008	---	---	16
17	---	---	---	0.004	0.004	0.008	0.005	0.015	0.012	0.008	---	---	17
18	---	---	---	0.003	0.004	0.005	0.007	0.015	0.012	0.008	---	---	18
19	---	---	---	0.003	0.005	0.004	0.017	0.014	0.012	0.008	---	---	19
20	---	---	---	0.005	0.005	0.004	0.011	0.015	0.012	0.007	---	---	20
21	---	---	---	0.008	0.005	0.004	0.009	0.013	0.011	0.008	---	---	21
22	---	---	---	0.008	0.004	0.002	0.018	0.012	0.011	0.007	---	---	22
23	---	---	---	0.004	0.004	0.002	0.011	0.014	0.010	0.007	---	---	23
24	---	---	---	0.005	0.004	0.002	0.008	0.022	0.010	0.007	---	---	24
25	---	---	---	0.005	0.004	0.002	0.008	0.017	0.010	0.007	---	---	25
26	---	---	---	0.005	0.004	0.001	0.009	0.018	0.015	0.007	---	---	26
27	---	---	---	0.008	0.003	0.008	0.008	0.014	0.014	0.007	---	---	27
28	---	---	---	0.008	0.003	0.007	0.008	0.013	0.012	0.007	---	---	28
29	---	---	---	0.006	0.003	0.004	0.005	0.018	0.012	0.008	---	---	29
28	---		---	0.006	0.003	0.004	0.005	0.018	0.012	0.007	---	---	30
30	---		---	0.007	0.003	0.005	0.006	0.014	0.012	0.007		---	31
31	---		---		0.003		0.012	0.013					
TOTAL	---	---	---	0.218	0.130	0.089	0.277	0.387	0.421	0.258	---	---	TOTAL
MEAN	---	---	---	0.007	0.004	0.003	0.009	0.012	0.014	0.008	---	---	MEAN
MAX	---	---	---	0.017	0.010	0.018	0.021	0.022	0.024	0.011	---	---	MAX
MIN	---	---	---	0.003	0.003	0.001	0.003	0.005	0.010	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.024 ON SEP 3
MINIMUM DAILY, 0.001 ON JUN 13
MAXIMUM INSTANTANEOUS,
0.061 AT 18:41 MST ON SEP 2

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 25 N
LONG 115 08 00 W
DRAINAGE AREA, 5.44 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23.9
FEB	---	AUG	33.4
MAR	---	SEP	38.4
APR	18.8	OCT	22.1
MAY	11.2	NOV	---
JUN	8.55	DEC	---

TOTAL DISCHARGE, 154 dam³

DEERLICK CREEK NEAR HINTON - STATION NO. 07AF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0188	0.050	0.123	0.033	2.70	0.115	0.061	---	---	1
2	---	---	---	0.0258	0.046	0.111	0.028A	2.45	0.158	0.057	---	---	2
3	---	---	---	0.0388	0.038	0.108	0.025E	1.35	0.182	0.058	---	---	3
4	---	---	---	0.0448	0.035	0.100	0.048E	1.04	0.138	0.062	---	---	4
5	---	---	---	0.0358	0.035	0.095	0.048E	1.02	0.115	0.060	---	---	5
6	---	---	---	0.0278	0.033	0.090	0.043E	0.712	0.108	0.058	---	---	6
7	---	---	---	0.0228	0.033	0.083	0.042E	0.585	0.101	0.055	---	---	7
8	---	---	---	0.0185	0.032	0.078	0.042E	0.495	0.095	0.053	---	---	8
9	---	---	---	0.0138	0.032	0.080	0.058E	0.448	0.097	0.055	---	---	9
10	---	---	---	0.0128	0.033	0.073	0.248E	0.588	0.090	0.058	---	---	10
11	---	---	---	0.0118	0.032	0.068	0.200E	0.484	0.084	0.048	---	---	11
12	---	---	---	0.0098	0.035	0.080	0.175E	0.439	0.080	0.047	---	---	12
13	---	---	---	0.0108	0.055	0.053	0.140E	0.445	0.101A	0.048	---	---	13
14	---	---	---	0.0128	0.058	0.048	0.117E	0.375	0.095E	0.045	---	---	14
15	---	---	---	0.0118	0.080	0.044	0.100E	0.323	0.087E	0.0448	---	---	15
16	---	---	---	0.0108	0.051	0.076	0.088A	0.301	0.081E	0.043	---	---	16
17	---	---	---	0.0098	0.050	0.068	0.144	0.368	0.075A	0.043B	---	---	17
18	---	---	---	0.0088	0.058	0.060	0.149	0.334	0.071	0.043B	---	---	18
19	---	---	---	0.0108	0.071	0.062	0.131	0.315	0.068	0.042B	---	---	19
20	---	---	---	0.0348	0.078	0.062	0.110	0.284	0.085	0.042B	---	---	20
21	---	---	---	0.0348	0.128	0.058	0.128	0.308	0.062	0.041B	---	---	21
22	---	---	---	0.0338	0.238	0.047	0.088	0.285	0.061	0.041B	---	---	22
23	---	---	---	0.0378	0.388	0.044	0.084	0.215	0.058	0.040B	---	---	23
24	---	---	---	0.0358	0.383	0.041	0.073	0.203	0.059	0.040B	---	---	24
25	---	---	---	0.0328	0.307	0.037	0.070	0.188	0.058	0.040B	---	---	25
26	---	---	---	0.0308	0.248	0.036	0.067	0.187	0.082	0.038B	---	---	26
27	---	---	---	0.033	0.200	0.037	0.061	0.180	0.065	0.039	---	---	27
28	---	---	---	0.039	0.181	0.043	0.058	0.188	0.073	0.038	---	---	28
29	---		---	0.046	0.171	0.034	0.053	0.193	0.087	0.044A	---	---	29
30	---		---	0.048	0.150	0.038	0.053	0.148	0.083	0.043E	---	---	30
31	---		---		0.135		0.148	0.128		0.042E		---	31
TOTAL	---	---	---	0.740	3.370	1.853	2.887	17.071	2.883	1.488	---	---	TOTAL
MEAN	---	---	---	0.025	0.109	0.065	0.093	0.551	0.089	0.047	---	---	MEAN
MAX	---	---	---	0.048	0.383	0.133	0.248	2.70	0.182	0.062	---	---	MAX
MIN	---	---	---	0.008	0.032	0.034	0.028	0.128	0.058	0.038	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.141
MAXIMUM DAILY, 2.70 ON AUG 1
MINIMUM DAILY, 0.0088 ON APR 18
MAXIMUM INSTANTANEOUS,
8.88 AT 18:04 MST ON AUG 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 20 N
LONG 117 14 38 W
DRAINAGE AREA, 14.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	250
FEB	---	AUG	1 470
MAR	---	SEP	232
APR	53.9	OCT	127
MAY	291	NOV	---
JUN	188	DEC	---

TOTAL DISCHARGE, 2 800 dam³

DICKSON DAM TUNNEL OUTLET - STATION NO. 05CB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0	16.8	17.8	17.8	22.2	19.7	27.2	63.2	41.8	28.8	18.0	18.8	1
2	17.0	16.8	17.8	17.8	25.1	23.1	27.2	63.0	34.4	25.9	18.0	18.8	2
3	17.0	16.8	17.8	17.8	40.0	23.8	27.2	63.2	40.2	23.7	17.8	17.0	3
4	16.8	16.8	17.8	17.8	43.8	23.8	50.6	52.3	44.2	23.7	17.8	16.8	4
5	16.8	16.8	17.8	18.0	36.6	23.8	64.8	45.7	44.2	23.7	17.8	16.8	5
6	16.7	17.0	17.8	24.0	29.7	23.8	68.2	46.1	44.2	23.7	17.8	16.8	6
7	16.8	17.0	17.8	35.8	23.1	23.8	68.2	41.4	39.2	23.8	17.8	16.8	7
8	16.8	17.0	17.8	38.1	24.8	30.6	77.2	38.3	32.8	23.7	17.8	16.8	8
9	16.8	17.1	17.8	38.2	31.3	34.7	82.8	38.3	29.8	22.4	17.7	16.8	9
10	16.8	17.1	17.8	34.3	40.0	34.8	82.8	38.2	29.8	20.8	17.8	16.8	10
11	16.8	17.0	17.7	28.8	49.8	34.7	82.2	41.8	30.8	20.8	17.8	16.8	11
12	16.8	17.0	17.8	38.8	45.4	34.7	43.5	81.8	32.2	20.8	17.8	16.8	12
13	16.8	17.0	17.8	24.8	38.2	34.8	43.3	86.4	32.1	20.8	17.8	16.8	13
14	16.8	17.0	17.8	20.1	38.1	34.8	43.2	88.8	32.1	18.8	17.4	16.8	14
15	16.8	16.8	17.8	20.1	38.8	34.8	38.8	83.1	32.0	18.8	17.4	16.8	15
16	16.8	16.8	17.8	20.1	38.7	34.7	31.8	83.8	32.0	18.2	17.3	16.8	16
17	16.8	16.8	17.8	20.2	38.8	86.8	34.1	83.1	30.4	17.8	17.3	16.8	17
18	16.8	17.0	17.8	20.2	38.3	71.3	40.1	83.8	28.8	17.8	17.3	16.8	18
19	16.8	17.2	17.8	20.1	35.1	61.8	48.4	83.8	26.8	17.8	17.3	16.8	19
20	16.8	17.8	17.8	20.2	38.3	60.4	60.0	83.8	28.0	17.8	17.2	16.8	20
21	16.8	17.8	17.8	20.2	28.8	60.4	60.0	84.7	25.8	17.8	17.2	16.8	21
22	16.8	17.8	17.8	20.3	21.7	42.8	57.7	60.2	20.8	17.8	17.1	16.8	22
23	16.8	17.8	17.8	20.3	18.7	38.0	71.1	60.3	18.3	17.7	17.0	16.8	23
24	16.8	17.7	17.8	20.3	18.7	38.0	78.7	46.7	18.2	17.7	16.8	17.0	24
25	16.8	17.7	17.8	20.3	18.0	33.1	78.4	41.1	21.8	17.8	17.0	17.0	25
26	16.8	17.8	17.7	20.4	17.8	27.3	78.3	38.7	23.8	17.8	17.0	17.0	26
27	16.8	17.8	17.7	20.4	17.8	27.2	78.3	42.6	24.0	17.8	16.8	17.1	27
28	16.8	17.8	17.7	20.8	17.8	27.1	78.1	44.8	28.1	17.8	16.8	16.8	28
29	16.8		17.7	20.8	17.7	27.2	88.9	44.4	28.4	18.0	17.0	16.8	29
30	16.8		17.8	20.8	20.2	27.2	83.4	44.4	28.4	18.1	17.0	16.8	30
31	16.8		17.8		18.0		83.2	44.8		18.0		17.0	31
TOTAL	522.7	481.1	548.8	588.7	920.0	1 048.2	1 785.9	1 580.1	930.7	626.2	522.2	523.5	TOTAL
MEAN	16.8	17.2	17.7	23.0	29.7	34.9	57.6	51.0	31.0	20.2	17.4	16.8	MEAN
MAX	17.0	17.7	17.8	38.2	49.8	71.3	88.3	83.9	44.3	28.8	18.0	17.1	MAX
MIN	16.7	16.8	17.8	17.8	17.8	18.7	27.2	38.2	18.2	17.8	16.8	16.8	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.8
MAXIMUM DAILY, 88.3 ON JUL 8
MINIMUM DAILY, 16.7 ON JAN 8
MAXIMUM INSTANTANEOUS,
88.9 AT 15:20 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 30 N
LONG 114 13 02 W
DRAINAGE AREA, 5 600 km²

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 200	JUL	153 000
FEB	41 600	AUG	137 000
MAR	47 400	SEP	80 400
APR	59 500	OCT	54 100
MAY	79 500	NOV	45 100
JUN	90 600	DEC	45 200

TOTAL DISCHARGE, 879 000 dam³

DICKSON RESERVOIR NEAR DICKSON - STATION NO. 05CB006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	947.465	948.853	948.781	944.930	948.383	948.827	948.380	948.886	947.484	947.970	947.886	947.313	1
2	947.440	948.831	948.733	944.978	948.477	948.867	948.403	948.887	947.480	947.948	947.890	947.278	2
3	947.408	948.808	948.694	945.041	948.595	948.870	948.445	948.887	947.839	947.948	947.878A	947.238	3
4	947.381	948.884	948.654	945.123	948.883	948.888	948.485	948.821	947.857	947.948	947.888A	947.201	4
5	947.358	948.833	948.821	945.216	948.818	948.858	948.520	948.842	947.880	947.948	947.887A	947.170	5
6	947.318	948.802	948.801	945.303	948.484	948.890	948.583	948.878	947.839	947.944	947.858A	947.142	6
7	947.282	948.471	948.588	945.308	948.498	948.887	948.584	948.903	947.832	947.938	947.844A	947.113	7
8	947.234	948.452	948.571	945.256	948.547	948.828	948.527	948.887	947.573	947.928	947.839A	947.088	8
9	947.187	948.430	948.548	945.183	948.807	948.838	948.518	948.880	947.834	947.918	947.838A	947.084	9
10	947.140	948.404	948.517	945.102	948.887	948.885	948.482	947.855	947.879	947.911	947.820A	947.010	10
11	947.107	948.377	948.488	948.085	948.887	948.878	948.438	947.124	947.724	947.911	947.811A	948.973	11
12	947.101	948.358	948.458	945.031	948.800	948.890	948.424	947.204	947.745	947.910	947.808A	948.928	12
13	947.106	948.336	948.428	944.990	948.885	948.874	948.428	947.218	947.788	947.908	947.804A	948.877	13
14	947.098	948.311	948.403	944.948	948.806	948.880	948.418	947.233	947.778	947.900	947.788	948.813	14
15	947.078	948.282	948.374	944.999	948.883	948.104	948.418	947.251	947.784	947.898	947.788	948.788	15
16	947.038	948.258	948.337	945.012	948.888	948.144	948.482	947.281	947.808	947.901	947.748	948.688	16
17	947.010	948.234	948.308	945.023	948.831	948.222	948.500	947.309	947.813	947.907	947.708	948.821	17
18	948.988	948.188	948.281	945.080	948.486	948.259	948.503	947.328	947.825	947.913	947.855	948.548	18
19	948.959	948.178	948.251	945.088	948.488	948.211	948.501	947.321	947.832	947.918	947.821	948.487	19
20	948.938	948.142	948.232	945.048	948.440	948.185	948.529	947.308	947.834	947.918	947.802	948.428	20
21	948.918	948.101	948.204	948.048	948.380	948.151	948.585	947.282	947.838	947.922	947.889	948.388	21
22	948.898	948.070	948.188	948.070	948.397	948.144	948.841	947.304	947.858	947.922	947.878	948.304	22
23	948.881	948.037	948.132	948.138	948.438	948.180	948.772	947.300	947.882	947.922	947.888	948.241	23
24	948.834	948.888	948.103	948.184	948.447	948.187	948.877	947.288	947.922	947.917	947.844	948.178	24
25	948.809	948.883	948.070	948.218	948.487	948.173	948.917	947.318	947.881	947.918	947.821	948.118	25
26	948.788	948.817	948.047	948.231	948.502	948.180	948.938	947.388	947.887	947.918	947.481	948.088	26
27	948.782	948.874	948.032	948.244	948.838	948.207	948.958	947.440	947.884	947.913	947.488	948.002	27
28	948.748	948.828	944.884	948.280	948.878	948.241	948.937	947.468	948.014	947.912	947.438	948.950	28
29	948.723		944.848	948.278	948.818	948.285	948.884	947.483	948.008	947.908	947.388	948.888	29
30	948.701		944.830	948.302	948.883	948.313	948.880	947.478	947.888	947.905	947.357	948.838	30
31	948.878		944.810		948.784		948.888	947.473		947.888		948.788	31
MEAN	947.843	948.275	948.338	948.122	948.840	948.882	948.808	947.188	947.783	947.930	947.888	948.827	MEAN
MAX	947.488	948.883	948.781	948.308	948.784	948.313	948.958	947.473	948.014	947.970	947.898	947.313	MAX
MIN	948.878	948.828	944.810	944.930	948.383	948.827	948.380	948.821	947.484	947.888	947.357	948.788	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 948.802
MAXIMUM DAILY, 948.014 ON SEP 28
MINIMUM DAILY, 944.810 ON MAR 31
MAXIMUM INSTANTANEOUS,
948.020 AT 14:20 MST ON SEP 28

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 26 N
LONG 114 12 53 W

A - MANUAL GAUGE

REGULATED SINCE 1982

DRAINAGE AREA,
5 600 km²

DOG RIVER NEAR FITZGERALD - STATION NO. 07NB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.802B	0.852B	0.912B	0.971B	14.0	9.75	3.82	1.74	1.01	0.807	1.24	1.04 B	1
2	0.804B	0.854B	0.914B	0.973B	14.7	9.52	3.83	1.71	0.908	0.859	1.35	1.03 B	2
3	0.806B	0.856B	0.916B	0.975B	16.5	9.32	3.84	1.66	0.728	0.820	1.39	1.02 B	3
4	0.808B	0.858B	0.918B	0.977B	17.3	8.94	3.84	1.63	0.687	0.804	1.39	1.01 B	4
5	0.810B	0.861B	0.920B	0.979B	17.4	8.53	3.60	1.59	0.720	0.793	1.39	1.00 B	5
6	0.812B	0.863B	0.922B	0.985B	17.7	8.15	3.40	1.56	0.777	0.766	1.33	0.990B	6
7	0.814B	0.865B	0.924B	0.994B	17.9	7.93	3.24	1.56	0.892	0.762	1.31	0.980B	7
8	0.816B	0.867B	0.925B	1.00 B	17.8	7.42	3.12	1.56	0.992	0.751	1.29	0.969B	8
9	0.818B	0.869B	0.927B	1.01 B	17.6	7.18	3.01	1.55	0.861	0.755	1.27	0.958B	9
10	0.820B	0.871B	0.929B	1.02 B	17.5	6.93	2.89	1.50	0.877	0.755	1.27	0.947B	10
11	0.822B	0.873B	0.931B	1.04 B	17.3	6.70	2.79	1.47	0.834	0.731	1.26B	0.937B	11
12	0.824B	0.876B	0.933B	1.08 B	17.0	6.40	2.74	1.43	0.860	0.740	1.25B	0.926B	12
13	0.826B	0.878B	0.935B	1.14 B	17.0	6.21	2.64	1.43	0.831	0.741	1.24B	0.915B	13
14	0.828B	0.880B	0.937B	1.20 B	16.9	5.97	2.58	1.42	0.775	0.764	1.23B	0.904B	14
15	0.829B	0.882B	0.939B	1.27 B	16.5	5.84	2.62	1.36	0.783	0.804	1.22B	0.894B	15
16	0.831B	0.884B	0.940B	1.39 B	16.1	5.67	2.53	1.34	0.853	0.806	1.20B	0.883B	16
17	0.833B	0.886B	0.942B	1.51 B	15.8	5.45	2.52	1.31	1.03	0.889	1.19B	0.874B	17
18	0.834B	0.888B	0.944B	1.72 B	15.2	5.27	2.49	1.26	1.08	0.973	1.18B	0.865B	18
19	0.836B	0.890B	0.946B	1.91 B	14.7	5.01	2.37	1.23	1.04	0.987	1.17B	0.856B	19
20	0.838B	0.893B	0.948B	2.12 B	14.2	4.78	2.28	1.25	1.02	1.00	1.16B	0.847B	20
21	0.840B	0.895B	0.950B	2.54 B	13.9	4.64	2.24	1.23	0.966	1.01	1.15B	0.838B	21
22	0.841B	0.897B	0.952B	3.14 B	13.5	4.56	2.21	1.23	0.946	1.01	1.14B	0.829B	22
23	0.842B	0.899B	0.954B	3.83 B	13.1	4.46	2.11	1.22	0.891	1.03	1.13B	0.819B	23
24	0.843B	0.901B	0.956B	4.85 B	12.7	4.32	2.02	1.17	0.868	1.03	1.12B	0.810B	24
25	0.844B	0.903B	0.957B	6.17 B	12.2	4.28	1.94	1.15	0.876	1.01	1.11B	0.801B	25
26	0.845B	0.905B	0.959B	8.42 B	11.7	4.21	1.86	1.12	0.888	1.02	1.10B	0.792B	26
27	0.846B	0.907B	0.961B	10.2 B	11.4	4.12	1.88	1.08	0.852	1.06	1.09B	0.783B	27
28	0.847B	0.910B	0.963B	12.1 B	11.0	3.97	1.83	1.02	0.850	1.07	1.08B	0.774B	28
29	0.848B		0.965B	14.5 B	10.7	3.81	1.80	1.02	0.818	1.13	1.07B	0.765B	29
30	0.849B		0.967B	13.8	10.4	3.68	1.77	1.06	0.802	1.18	1.05B	0.756B	30
31	0.850B		0.969B		10.1		1.78	1.06		1.16		0.747B	31
TOTAL	25.706	24.684	29.155	103.814	459.8	183.08	80.54	41.98	26.411	28.078	36.37	27.559	TOTAL
MEAN	0.829	0.881	0.940	3.46	14.8	6.10	2.60	1.35	0.880	0.906	1.21	0.889	MEAN
MAX	0.850	0.910	0.969	14.5	17.9	9.75	3.84	1.74	1.08	1.18	1.39	1.04	MAX
MIN	0.802	0.852	0.912	0.971	10.1	3.68	1.77	1.02	0.687	0.731	1.05	0.747	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.92
MAXIMUM DAILY, 17.9 ON MAY 7
MINIMUM DAILY, 0.687 ON SEP 4
MAXIMUM INSTANTANEOUS,
18.0 AT 17:00 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 52 35 N
LONG 111 31 15 W
DRAINAGE AREA, 2 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 220	JUL	6 960
FEB	2 130	AUG	3 630
MAR	2 520	SEP	2 280
APR	8 970	OCT	2 430
MAY	39 700	NOV	3 140
JUN	15 800	DEC	2 380

TOTAL DISCHARGE, 92 200 dam³

DRAIN L-5 NEAR DIAMOND CITY - STATION NO. 05AD040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.055	0.005	0.012	0.059	0.019	0	---	1
2	---	---	---	---	0	0.043	0.011	0.010	0.045	0.026	0A	---	2
3	---	---	---	---	0	0.066	0.018	0.010	0.021	0.019	---	---	3
4	---	---	---	---	0	0.037	0.028	0.021	0.022	0.021	---	---	4
5	---	---	---	---	0	0.066	0.082	0.039	0.025	0.029	---	---	5
6	---	---	---	---	0	0.049	0.065	0.046	0.026	0.020	---	---	6
7	---	---	---	---	0	0.024	0.038	0.043	0.024	0.010	---	---	7
8	---	---	---	---	0	0.015	0.041	0.060	0.017	0.008	---	---	8
9	---	---	---	---	0	0.021	0.043	0.061	0.018	0.021	---	---	9
10	---	---	---	---	0	0.009	0.053	0.030	0.050	0.042	---	---	10
11	---	---	---	---	0	0.004	0.075	0.023	0.033	0.033	---	---	11
12	---	---	---	---	0.013	0.005	0.076	0.033	0.017	0.025	---	---	12
13	---	---	---	---	0.004	0.033	0.073	0.030	0.014	0.008	---	---	13
14	---	---	---	---	0.008	0.023	0.026	0.060	0.007	0.003	---	---	14
15	---	---	---	---	0.004	0.023	0.014	0.069	0.007	0.003	---	---	15
16	---	---	---	---	0.004	0.022	0.013	0.094	0.003	0.001	---	---	16
17	---	---	---	---	0.008	0.011	0.016	0.073	0.007	0	---	---	17
18	---	---	---	---	0.020	0.017	0.054	0.035	0.018	0	---	---	18
19	---	---	---	---	0.045	0.028	0.092	0.038	0.023	0	---	---	19
20	---	---	---	---	0.133	0.084	0.127	0.029	0.023	0	---	---	20
21	---	---	---	---	0.125	0.178	0.105	0.027	0.023	0	---	---	21
22	---	---	---	0A	0.083	0.148	0.053	0.027	0.021	0	---	---	22
23	---	---	---	0	0.052	0.086	0.106	0.029	0.018	0	---	---	23
24	---	---	---	0	0.046	0.080	0.148	0.031	0.010	0	---	---	24
25	---	---	---	0	0.048	0.088	0.146	0.030	0.005	0	---	---	25
26	---	---	---	0	0.053	0.048	0.145	0.030	0.003	0	---	---	26
27	---	---	---	0	0.064	0.053	0.135	0.053	0.003	0	---	---	27
28	---	---	---	0	0.085	0.052	0.087	0.082	0.003	0	---	---	28
29	---		---	0	0.040	0.037	0.083	0.066	0.006	0	---	---	29
30	---		---	0	0.056	0.016	0.111	0.053	0.016	0	---	---	30
31	---		---		0.056		0.063	0.042		0		---	31
TOTAL	---	---	---	---	0.915	1.336	2.135	1.298	0.569	0.286	---	---	TOTAL
MEAN	---	---	---	---	0.030	0.045	0.069	0.042	0.019	0.009	---	---	MEAN
MAX	---	---	---	---	0.133	0.178	0.148	0.094	0.059	0.042	---	---	MAX
MIN	---	---	---	---	0	0.004	0.005	0.010	0.003	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 0.178 ON JUN 21
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 20 N
LONG 112 51 20 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	184
FEB	---	AUG	112
MAR	---	SEP	49.2
APR	---	OCT	24.7
MAY	79.1	NOV	---
JUN	115	DEC	---

TOTAL DISCHARGE, 564 dam³

DRAIN 3-10 NEAR BOW ISLAND - STATION NO. 05AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.005	0.281	0.880	0.507	0.135E	0.100E	0.002	---	1
2	---	---	---	---	0.004	0.202	0.922	0.443	0.128E	0.130E	0.002	---	2
3	---	---	---	---	0.004	0.423	1.18	0.343	0.100E	0.160E	0.002A	---	3
4	---	---	---	---	0.004	0.534	1.21	0.377	0.080E	0.220E	---	---	4
5	---	---	---	---	0.004	0.389	1.30	0.408	0.050E	0.270E	---	---	5
6	---	---	---	---	0.004	0.418	1.32	0.312	0.038E	0.265E	---	---	6
7	---	---	---	---	0.003	0.721	1.08	0.318	0.024E	0.275E	---	---	7
8	---	---	---	---	0.008	0.807	0.894	0.330	0.018E	0.225E	---	---	8
9	---	---	---	---	0.034	0.561	0.638	0.585	0.013E	0.290E	---	---	9
10	---	---	---	---	0.019	0.508	0.761	0.334	0.010A	0.315E	---	---	10
11	---	---	---	---	0.024	0.371	0.538	0.413	0.014	0.310E	---	---	11
12	---	---	---	---	0.069	0.424	0.538	0.477	0.013	0.230E	---	---	12
13	---	---	---	---	0.024	0.534	0.858	0.448	0.014	0.150E	---	---	13
14	---	---	---	---	0.035	0.529	0.495	0.424	0.015	0.070E	---	---	14
15	---	---	---	---	0.093	0.598	0.487	0.408	0.225	0.030E	---	---	15
16	---	---	---	---	0.215	0.805	0.815	0.198	0.236	0.020E	---	---	16
17	---	---	---	---	0.201	1.12	0.838	0.152	0.259	0.011E	---	---	17
18	---	---	---	---	0.178	0.787	0.723	0.118A	0.195	0.008E	---	---	18
19	---	---	---	---	0.451	0.840	0.865	0.100E	0.283	0.004E	---	---	19
20	---	---	---	---	0.586	0.521	0.736	0.102E	0.288	0.002A	---	---	20
21	---	---	---	---	0.401	0.435	0.478	0.111E	0.198	0.003	---	---	21
22	---	---	---	---	0.488	0.271	0.427	0.114E	0.118	0.003	---	---	22
23	---	---	---	---	0.318	0.323	0.327	0.115E	0.118	0.002	---	---	23
24	---	---	---	---	0.401	0.324	0.348	0.180E	0.104	0.002	---	---	24
25	---	---	---	---	0.380	0.818	0.428	0.200E	0.085	0.002	---	---	25
26	---	---	---	---	0.728	0.820	0.595	0.185E	0.187	0.002	---	---	26
27	---	---	---	---	0.506	0.884	0.482	0.200E	0.198	0.003	---	---	27
28	---	---	---	0.005A	0.342	0.721	0.410	0.170E	0.205	0.003	---	---	28
29	---		---	0.004	0.286	0.817	0.584	0.130E	0.155	0.003	---	---	29
30	---		---	0.005	0.267	1.01	0.311	0.115E	0.118A	0.002	---	---	30
31	---		---		0.267		0.416	0.130E		0.002		---	31
TOTAL	---	---	---	---	8.307	17.477	21.213	8.424	3.582	3.149	---	---	TOTAL
MEAN	---	---	---	---	0.203	0.583	0.684	0.272	0.119	0.102	---	---	MEAN
MAX	---	---	---	---	0.728	1.12	1.32	0.585	0.265	0.315	---	---	MAX
MIN	---	---	---	---	0.003	0.202	0.311	0.100	0.010	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.327
MAXIMUM DAILY, 1.32 ON JUL 6
MINIMUM DAILY, 0.002A ON OCT 20

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 40 N
LONG 111 24 50 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	726
MAR	---	SEP	306
APR	---	OCT	272
MAY	848	NOV	---
JUN	1 810	DEC	---

TOTAL DISCHARGE, 5 190 dam³

DRAIN 3-6 NEAR BOW ISLAND - STATION NO. 05AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.001	0.155	0.098	0.084	0.102	0.023	0.012	---	1
2	---	---	---	---	0.001	0.143	0.098	0.157	0.088	0.008	0.008	---	2
3	---	---	---	---	0.001	0.143	0.078	0.149	0.084	0.008	0.008A	---	3
4	---	---	---	---	0.001	0.148	0.047	0.131	0.088	0.035	---	---	4
5	---	---	---	---	0.002	0.145	0.080	0.082	0.038	0.087	---	---	5
6	---	---	---	---	0.001	0.151	0.083	0.073	0.030	0.078	---	---	6
7	---	---	---	---	0.001	0.154	0.078	0.085	0.028	0.078	---	---	7
8	---	---	---	---	0.001	0.167	0.118	0.010	0.038	0.082	---	---	8
9	---	---	---	---	0.001	0.138	0.121	0.018	0.025	0.093	---	---	9
10	---	---	---	---	0.001	0.108	0.117	0.037	0.022	0.100	---	---	10
11	---	---	---	---	0.001	0.085	0.111	0.048	0.023	0.101	---	---	11
12	---	---	---	---	0.001	0.004	0.154	0.088	0.023	0.088	---	---	12
13	---	---	---	---	0.001	0.002	0.139	0.121	0.012	0.088	---	---	13
14	---	---	---	---	0.002	0.002	0.078	0.183	0.009	0.078	---	---	14
15	---	---	---	---	0.002	0.003	0.048	0.222	0.008	0.081	---	---	15
16	---	---	---	---	0.003	0.074	0.053	0.218	0.007	0.047	---	---	16
17	---	---	---	---	0.002	0.089	0.058	0.207	0.007	0.028	---	---	17
18	---	---	---	---	0.003	0.084	0.083	0.187	0.008	0.018	---	---	18
19	---	---	---	---	0.002	0.205	0.131	0.184	0.007	0.018	---	---	19
20	---	---	---	---	0.002	0.213	0.108	0.178	0.007	0.014	---	---	20
21	---	---	---	---	0.003	0.187	0.128	0.158	0.007	0.014	---	---	21
22	---	---	---	---	0.029	0.188	0.142	0.185	0.008	0.013	---	---	22
23	---	---	---	---	0.072	0.174	0.122	0.183	0.008	0.012	---	---	23
24	---	---	---	---	0.188	0.174	0.108	0.144	0.007	0.011	---	---	24
25	---	---	---	---	0.183	0.158	0.081	0.178	0.007	0.010	---	---	25
26	---	---	---	---	0.174	0.124	0.088	0.180	0.007	0.007	---	---	26
27	---	---	---	---	0.187	0.104	0.029	0.141	0.008	0.007	---	---	27
28	---	---	---	---	0.211	0.088	0.003	0.132	0.007	0.012	---	---	28
29	---		---	0.001A	0.203	0.080	0.002	0.112	0.014	0.018	---	---	29
30	---		---	0.001	0.192	0.073	0.002	0.084	0.012	0.018	---	---	30
31	---		---	0.001	0.192		0.008	0.082		0.012		---	31
TOTAL	---	---	---	---	1.843	3.570	2.817	3.913	0.707	1.328	---	---	TOTAL
MEAN	---	---	---	---	0.053	0.119	0.084	0.126	0.024	0.040	---	---	MEAN
MAX	---	---	---	---	0.211	0.213	0.154	0.233	0.102	0.101	---	---	MAX
MIN	---	---	---	---	0.001	0.002	0.002	0.010	0.008	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.074
MAXIMUM DAILY, 0.232 ON AUG 15
MINIMUM DAILY, 0.001 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 08 N
LONG 111 28 38 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	228
FEB	---	AUG	338
MAR	---	SEP	81.1
APR	---	OCT	106
MAY	142	NOV	---
JUN	308	DEC	---

TOTAL DISCHARGE, 1 180 dam³

DRAIN T-1 NEAR TABER - STATION NO. 05AG027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.039	0.086	0.284	0.147	0.103	0.087	0.001	---	1
2	---	---	---	---	0.067	0.080	0.350	0.201	0.103	0.108	0.001A	---	2
3	---	---	---	---	0.082A	0.048	0.318	0.182	0.113	0.107	---	---	3
4	---	---	---	---	0.070E	0.133	0.408	0.188	0.111	0.100	---	---	4
5	---	---	---	---	0.050E	0.102	0.365	0.276	0.113	0.088	---	---	5
6	---	---	---	---	0.048E	0.184	0.336	0.258	0.113	0.087	---	---	6
7	---	---	---	---	0.048E	0.203	0.322	0.211	0.119	0.088	---	---	7
8	---	---	---	---	0.050E	0.209	0.347	0.188	0.111	0.135	---	---	8
9	---	---	---	---	0.080E	0.281	0.385	0.132	0.122	0.148	---	---	9
10	---	---	---	---	0.100E	0.324	0.380	0.214	0.104	0.103	---	---	10
11	---	---	---	---	0.130E	0.183	0.300A	0.170	0.122	0.028	---	---	11
12	---	---	---	---	0.150E	0.262	0.250A	0.158	0.129	0.012	---	---	12
13	---	---	---	---	0.150E	0.250	0.227A	0.113	0.128	0.004	---	---	13
14	---	---	---	---	0.185E	0.108	0.234	0.148	0.175	0.003E	---	---	14
15	---	---	---	---	0.188E	0.131	0.275	0.188	0.220	0.002E	---	---	15
16	---	---	---	---	0.180E	0.184	0.387	0.183	0.158	0.001E	---	---	16
17	---	---	---	---	0.150E	0.241	0.317	0.303	0.174	0.001E	---	---	17
18	---	---	---	---	0.200E	0.336	0.374	0.190	0.149	0.001E	---	---	18
19	---	---	---	---	0.210E	0.467	0.446	0.181	0.180	0.001E	---	---	19
20	---	---	---	---	0.215E	0.408	0.309	0.140	0.174	0.001A	---	---	20
21	---	---	---	---	0.190E	0.532	0.231	0.121	0.162	0.001	---	---	21
22	---	---	---	---	0.100A	0.397	0.235	0.106	0.158	0.001	---	---	22
23	---	---	---	---	0.024	0.331	0.221	0.107	0.173	0.001	---	---	23
24	---	---	---	0.008A	0.009	0.301	0.228	0.111	0.186	0.001	---	---	24
25	---	---	---	0.003	0.031	0.357	0.230	0.110	0.196	0.001	---	---	25
26	---	---	---	0.002	0.135	0.416	0.215	0.110	0.157	0.002	---	---	26
27	---	---	---	0.001	0.233	0.298	0.196	0.109	0.184	0.003	---	---	27
28	---	---	---	0.001	0.165	0.238	0.142	0.111	0.174	0.001	---	---	28
29	---		---	0.001	0.088	0.178	0.143	0.109	0.124	0.001	---	---	29
30	---		---	0.004	0.068	0.230	0.132	0.106	0.093	0.001	---	---	30
31	---		---		0.114		0.152	0.104		0.002		---	31
TOTAL	---	---	---	---	3.566	7.378	8.722	4.756	4.288	1.120	---	---	TOTAL
MEAN	---	---	---	---	0.115	0.246	0.281	0.153	0.143	0.036	---	---	MEAN
MAX	---	---	---	---	0.233	0.532	0.446	0.278	0.220	0.148	---	---	MAX
MIN	---	---	---	---	0.009	0.048	0.132	0.104	0.093	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.182
MAXIMUM DAILY, 0.532 ON JUN 21
MINIMUM DAILY, 0.001E ON OCT 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 10 N
LONG 112 13 52 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	784
FEB	---	AUG	411
MAR	---	SEP	370
APR	---	OCT	96.8
MAY	307	NOV	---
JUN	637	DEC	---

TOTAL DISCHARGE, 2 580 dam³

DRIEDMEAT CREEK NEAR THE MOUTH - STATION NO. 05FA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	0.9288	0.143	0.023	0.014	0.024	0.028	0.143	0.181	---	1
2	---	---	0.0378	0.8478	0.143	0.019	0.012	0.031	0.031	0.275	0.128	---	2
3	---	---	0.0388	1.08 B	0.181	0.014	0.008	0.025	0.060	0.179	0.139A	---	3
4	---	---	0.0388	1.48 B	0.124	0.012	0.009	0.021	0.051	0.142	---	---	4
5	---	---	0.0398	1.45 B	0.091	0.013	0.012	0.058	0.040	0.251	---	---	5
6	---	---	0.0398	1.58 B	0.074	0.012	0.011	0.048	0.037	0.152	---	---	6
7	---	---	0.0408	1.81 B	0.080	0.017	0.010	0.034	0.032	0.085	---	---	7
8	---	---	0.0408	1.81 B	0.050	0.015	0.012	0.027	0.031	0.070	---	---	8
9	---	---	0.0418	2.55	0.039	0.009	0.018	0.024	0.031	0.088	---	---	9
10	---	---	0.0418	2.31	0.072	0.008	0.019	0.020	0.030	0.197	---	---	10
11	---	---	0.0418	2.28	0.052	0.009	0.019	0.019	0.029	0.108	---	---	11
12	---	---	0.0418	2.85	0.047	0.009	0.015	0.018	0.024	0.068	---	---	12
13	---	---	0.0408	2.82	0.088	0.005	0.011	0.018	0.023	0.032	---	---	13
14	---	---	0.0428	2.30	0.288	0.001	0.015	0.161	0.021	0.031	---	---	14
15	---	---	0.0428	1.94	0.084	0.001	0.015	0.047	0.021	0.163	---	---	15
16	---	---	0.0418	1.41	0.062	0.004	0.012	0.037	0.020	0.089	---	---	16
17	---	---	0.0428	1.07	0.030	0.005	0.013	0.025	0.018	0.060	---	---	17
18	---	---	0.0448	0.897	0.025	0.013	0.013	0.035	0.023	0.055	---	---	18
19	---	---	0.0468	0.699	0.042	0.012	0.017	0.025	0.027	0.084	---	---	19
20	---	---	0.0508	0.548	0.048	0.010	0.021	0.030	0.035	0.095	---	---	20
21	---	---	0.0508	0.807	0.041	0.010	0.022	0.034	0.038	0.078	---	---	21
22	---	---	0.0498	0.695	0.037	0.013	0.021	0.027	0.038	0.178	---	---	22
23	---	0.0388	0.0518	0.611	0.034	0.010	0.018	0.026	0.036	0.195	---	---	23
24	---	0.0388	0.0538	0.511	0.034	0.008	0.017	0.023	0.033	0.205	---	---	24
25	---	0.0408	0.0588	0.452	0.034	0.008	0.017	0.022	0.034	0.187	---	---	25
26	---	0.0858	0.0708	0.380	0.033	0.008	0.017	0.022	0.033	0.133	---	---	26
27	---	0.0408	0.0708	0.332	0.031	0.015	0.015	0.020	0.040	0.201	---	---	27
28	---	0.0388	0.0668	0.285	0.030	0.015	0.013	0.020	0.038	0.271	---	---	28
29	---		0.0628	0.241	0.028	0.015	0.011	0.029	0.085	0.287	---	---	29
30	---		0.1368	0.202	0.021	0.016	0.014	0.024	0.189	0.263	---	---	30
31	---		0.2878		0.020		0.020	0.026		0.307		---	31
TOTAL	---	---	1.772	27.546	2.004	0.330	0.480	1.058	1.186	4.880	---	---	TOTAL
MEAN	---	---	0.057	1.25	0.065	0.011	0.015	0.034	0.040	0.158	---	---	MEAN
MAX	---	---	0.287	2.85	0.288	0.023	0.022	0.161	0.189	0.307	---	---	MAX
MIN	---	---	0.037	0.202	0.020	0.001	0.008	0.018	0.018	0.031	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.255
MAXIMUM DAILY, 2.85 ON APR 12
MINIMUM DAILY, 0.001 ON JUN 14
MAXIMUM INSTANTANEOUS,
2.95 AT 09 20 MST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 53 N
LONG 112 38 20 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE
B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	39.7
FEB	---	AUG	91.4
MAR	183	SEP	103
APR	3 240	OCT	403
MAY	173	NOV	---
JUN	38.6	DEC	---

TOTAL DISCHARGE, 4 230 dam³

DRIEDMEAT LAKE AT OUTFLOW - STATION NO. 09FA020

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	884.574	884.788	884.718	884.536	884.532	884.583	884.577	884.587	---	1
2	---	---	---	884.584	884.788	884.686	884.510	884.573	884.634	884.587	884.558	---	2
3	---	---	---	884.618	884.771	884.596	884.584	884.548	884.686	884.589	884.588	---	3
4	---	---	---	884.686	884.777	884.574	884.548	884.544	884.618	884.535	---	---	4
5	---	---	---	884.686	884.748	884.589	884.535	884.592	884.622	884.587	---	---	5
6	---	---	---	884.709	884.738	884.632	884.554	884.578	884.642	884.574	---	---	6
7	---	---	---	884.728	884.717	884.607	884.537	884.579	884.614	884.595	---	---	7
8	---	---	---	884.754	884.724	884.571	884.548	884.575	884.611	884.625	---	---	8
9	---	---	---	884.791	884.717	884.561	884.588	884.568	884.638	884.531	---	---	9
10	---	---	---	884.788	884.706	884.618	884.580	884.584	884.609	884.548	---	---	10
11	---	---	---	884.668	884.681	884.592	884.548	884.597	884.598	884.544	---	---	11
12	---	884.522	---	884.678	884.703	884.588	884.545	884.578	884.590	884.582	---	---	12
13	---	---	---	884.618	884.688	884.604	884.551	884.571	884.639	884.592	---	---	13
14	---	---	---	884.973	884.652	884.581	884.543	884.571	884.587	884.536	---	---	14
15	---	---	---	884.988	884.678	884.587	884.543	884.586	884.618	884.540	---	---	15
16	---	---	---	884.992	884.680	884.610	884.549	884.577	884.618	884.542	---	---	16
17	---	---	---	884.884	884.606	884.578	884.539	884.589	884.606	884.571	---	---	17
18	---	---	---	884.878	884.640	884.584	884.521	884.586	884.612	884.568	---	---	18
19	---	---	---	884.871	884.711	884.563	884.538	884.571	884.598	884.536	---	---	19
20	---	---	---	884.848	884.638	884.554	884.532	884.578	884.611	884.515	---	---	20
21	---	---	---	884.857	884.812	884.571	884.532	884.582	884.612	884.581	---	---	21
22	---	---	---	884.841	884.628	884.578	884.530	884.580	884.612	884.534	---	---	22
23	---	---	---	884.889	884.646	884.575	884.527	884.580	884.622	884.506	---	---	23
24	---	---	---	884.886	884.643	884.609	884.518	884.593	884.587	884.539	---	---	24
25	---	---	884.528	884.889	884.648	884.546	884.510	884.601	884.606	884.581	---	---	25
26	---	---	884.531	884.889	884.638	884.541	884.521	884.586	884.639	884.577	---	---	26
27	---	---	884.537	884.847	884.641	884.552	884.509	884.588	884.602	884.550	---	---	27
28	---	---	884.545	884.832	884.631	884.556	884.517	884.606	884.581	884.551	---	---	28
29	---		884.552	884.827	884.644	884.535	884.509	884.615	884.580	884.589	---	---	29
30	---		884.559	884.788	884.628	884.565	884.519	884.575	884.604	884.571	---	---	30
31	---		884.567		884.640		884.515	884.590		884.569		---	31
MEAN	---	---	---	884.838	884.682	884.588	884.534	884.579	884.613	884.560	---	---	MEAN
MAX	---	---	---	884.988	884.788	884.718	884.586	884.615	884.656	884.625	---	---	MAX
MIN	---	---	---	884.574	884.606	884.535	884.509	884.532	884.583	884.506	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 884.988 ON APR 15

MAXIMUM INSTANTANEOUS,
884.998 AT 14:45 MST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 47 20 N
LONG 113 42 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED

DRAINAGE AREA,
7 240 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRIFTWOOD RIVER NEAR THE MOUTH - STATION NO. 07BK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.403B	0.463B	0.578B	0.580B	12.6	8.08	4.21	1.23	2.29	0.531	0.340	0.157B	1
2	0.424B	0.484B	0.518B	0.614B	13.3	9.97	3.96	1.86	2.19	0.498	0.336	0.157B	2
3	0.457B	0.454B	0.428B	0.834B	14.7	34.9	3.69	2.38	2.17	0.519	0.333	0.159B	3
4	0.448B	0.419B	0.428B	0.813B	14.0	29.3	3.37	2.32	2.10	0.477	0.339A	0.161B	4
5	0.454B	0.408B	0.507B	0.718B	13.0	22.6	3.12	2.15	2.01	0.442	0.318A	0.150B	5
6	0.424B	0.414B	0.507B	0.817B	12.1	19.1	2.96	1.86	1.90	0.408	0.311B	0.146B	6
7	0.383B	0.437B	0.482B	1.06 B	11.5	16.6	2.70	1.74	1.74	0.409	0.298B	0.144B	7
8	0.350B	0.438B	0.462B	1.41 B	10.8	15.2	2.52	1.60	1.71	0.442	0.297B	0.140B	8
9	0.316B	0.437B	0.431B	7.34 B	10.5	14.3	2.36	1.54	1.59	0.427	0.298B	0.137B	9
10	0.272B	0.428B	0.408B	6.70 B	10.0	18.5	2.16	1.76	1.44	0.401	0.274B	0.135B	10
11	0.276B	0.430B	0.379B	8.26 B	9.80	20.9	2.02	3.39	1.38	0.387	0.247B	0.131B	11
12	0.271B	0.412B	0.356B	8.23 B	9.18	17.7	1.87	8.72	1.33	0.381	0.329B	0.129B	12
13	0.326B	0.387B	0.361B	7.24 B	8.46	14.7	1.86	6.01	1.30	0.362	0.231B	0.127B	13
14	0.360B	0.394B	0.454B	8.70 B	8.51	13.1	1.81	5.05	1.23	0.382	0.223B	0.127B	14
15	0.371B	0.529B	0.546B	13.0 B	7.72	12.3	1.32	4.40	1.33	0.358	0.215B	0.120B	15
16	0.388B	0.449B	0.573B	13.9 B	7.67	10.9	1.20	3.92	1.21	0.349	0.207B	0.110B	16
17	0.422B	0.440B	0.566B	16.3 B	7.32	9.90	1.17	3.80	1.10	0.334	0.199B	0.105B	17
18	0.435B	0.441B	0.615B	15.6	7.44	9.13	1.16	3.35	1.16	0.331	0.191B	0.100B	18
19	0.420B	0.395B	0.646B	14.1	8.34	8.94	1.16	3.24	1.19	0.335	0.183B	0.095B	19
20	0.444B	0.363B	0.650B	12.3	10.2	8.10	1.12	3.22	1.12	0.333A	0.175B	0.090B	20
21	0.504B	0.348B	0.741B	12.0	9.89	7.97	1.11	3.20	1.03	0.340	0.167B	0.070B	21
22	0.507B	0.367B	0.756B	11.6	9.37	7.07	1.08	3.22	0.940	0.348	0.159B	0.095B	22
23	0.564B	0.416B	0.733B	11.6	8.86	8.46	1.05	3.34	0.868	0.353	0.151B	0.080B	23
24	0.543B	0.433B	0.717B	12.2	8.22	8.88	1.09	3.21	0.838	0.358	0.148B	0.065B	24
25	0.480B	0.453B	0.716B	11.2	8.09	8.84	1.11	2.98	0.785	0.388	0.150B	0.065B	25
26	0.558B	0.419B	0.630B	11.4	7.74	8.63	1.13	3.08	0.741	0.362	0.151B	0.065B	26
27	0.586B	0.448B	0.467B	11.4	7.69	8.26	1.07	3.07	0.696	0.359	0.147B	0.060B	27
28	0.488B	0.598B	0.437B	11.8	7.33	8.67	1.04	3.81	0.617	0.365	0.158B	0.045B	28
29	0.470B		0.467B	11.9	7.78	8.84	1.06	7.48	0.662	0.361	0.158B	0.040B	29
30	0.484B		0.498B	12.1	8.86	8.48	1.04	3.44	0.626	0.348	0.158B	0.030B	30
31	0.483B		0.618B		8.85		1.01	3.30		0.344		0.025B	31
TOTAL	13.229	12.104	16.683	287.436	299.62	389.80	57.08	92.31	39.111	11.987	6.786	3.157	TOTAL
MEAN	0.427	0.432	0.538	9.58	9.67	12.3	1.84	2.98	1.30	0.387	0.229	0.102	MEAN
MAX	0.586	0.598	0.756	16.3	14.7	34.9	4.21	8.72	2.29	0.531	0.340	0.161	MAX
MIN	0.271	0.348	0.356	0.580	7.32	4.46	1.01	1.23	0.626	0.331	0.147	0.025	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.23
MAXIMUM DAILY, 34.9 ON JUN 3
MINIMUM DAILY, 0.025B ON DEC 31
MAXIMUM INSTANTANEOUS,
38.3 AT 12:00 MST ON JUN 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 15 N
LONG 114 13 54 W
DRAINAGE AREA, 3 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 140	JUL	4 930
FEB	1 050	AUG	7 980
MAR	1 440	SEP	3 380
APR	23 300	OCT	1 040
MAY	25 900	NOV	588
JUN	31 900	DEC	273

TOTAL DISCHARGE, 102 000 dam³

DRY COULEE NEAR MAGRATH - STATION NO. 05AE041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.008	0.338	0.189	0.380	0.023	0.298	0.005	---	1
2	---	---	---	---	0.003	0.460	0.209	0.412	0.013	0.334	0.008A	---	2
3	---	---	---	---	0.002	0.238	0.145	0.348	0.014	0.380	---	---	3
4	---	---	---	---	0.003	0.189	0.089	0.318	0.031	0.304	---	---	4
5	---	---	---	---	0.003	0.119	0.189	0.330	0.042	0.201	---	---	5
6	---	---	---	---	0.002	0.118	0.351	0.237	0.040	0.188	---	---	6
7	---	---	---	---	0.001	0.238	0.202	0.388	0.044	0.158	---	---	7
8	---	---	---	---	0.384	0.488	0.207	0.271	0.038	0.138	---	---	8
9	---	---	---	---	0.287	0.882	0.318	0.172	0.047	0.118	---	---	9
10	---	---	---	---	0.304	0.902	0.423	0.287	0.080	0.102	---	---	10
11	---	---	---	---	0.388	0.882	0.280	0.884	0.058	0.033	---	---	11
12	---	---	---	---	0.486	0.478	0.253	0.809	0.183	0.019	---	---	12
13	---	---	---	---	0.203	0.271	0.331	0.308	0.288	0.008	---	---	13
14	---	---	---	---	0.263	0.332	0.457	0.308	0.238	0.008	---	---	14
15	---	---	---	---	0.381	0.349	0.407	0.370	0.183	0.008	---	---	15
16	---	---	---	---	0.462	0.387	0.551	0.288	0.108	0.009	---	---	16
17	---	---	---	---	0.838	0.400	0.528	0.138	0.188	0.015	---	---	17
18	---	---	---	---	0.881	0.338	0.590	0.108	0.174	0.017	---	---	18
19	---	---	---	---	1.12	0.833	1.70	0.842	0.215	0.013	---	---	19
20	---	---	---	---	1.87	0.834	1.18	0.885	0.283	0.010	---	---	20
21	---	---	---	---	0.484	0.886	0.426	0.849	0.201	0.008	---	---	21
22	---	---	---	---	0.760	0.732	0.580	0.048	0.188	0.007	---	---	22
23	---	---	---	---	1.08	0.313	0.237	0.048	0.172	0.008	---	---	23
24	---	---	---	---	0.534	0.188	0.128	0.088	0.287	0.005	---	---	24
25	---	---	---	---	0.398	0.188	0.114	0.077	0.258	0.004	---	---	25
26	---	---	---	---	0.284	0.203	0.070A	0.048	0.858	0.004	---	---	26
27	---	---	---	---	0.408	0.203	0.044A	0.037	0.894	0.004	---	---	27
28	---	---	---	---	0.488	0.381	0.085	0.022	0.803	0.004	---	---	28
29	---		---	0.008A	0.488	0.382	0.211	0.011	0.838	0.004	---	---	29
30	---		---	0.008	0.848	0.224	0.478	0.008	0.472	0.004	---	---	30
31	---		---		0.371		0.481	0.012		0.005		---	31
TOTAL	---	---	---	---	12.775	11.434	11.432	8.298	8.534	2.377	---	---	TOTAL
MEAN	---	---	---	---	0.413	0.381	0.388	0.203	0.218	0.077	---	---	MEAN
MAX	---	---	---	---	1.87	0.898	1.70	0.884	0.894	0.380	---	---	MAX
MIN	---	---	---	---	0.001	0.115	0.044	0.008	0.013	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.278
MAXIMUM DAILY, 1.70 ON JUL 19
MINIMUM DAILY, 0.001 ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 39 N
LONG 112 58 48 W
DRAINAGE AREA, 84.9 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	887
FEB	---	AUG	644
MAR	---	SEP	585
APR	---	OCT	205
MAY	1 100	NOV	---
JUN	988	DEC	---

TOTAL DISCHARGE, 4 380 dam³

DRYWOOD CREEK NEAR THE MOUTH - STATION NO 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.850B	0.800B	0.730B	1.48	13.4	6.55	1.82	3.78	3.05	1.20	0.715	0.500B	1
2	0.850B	0.770B	0.900B	1.55	11.2	5.58	1.82	3.50	2.73	1.20	0.706	0.510B	2
3	0.850B	0.730B	1.00 B	2.08	8.11	4.87	1.72	3.21	2.70	1.07	0.821	0.510B	3
4	0.900B	0.680B	1.20 B	3.87	6.83	4.44	1.80	2.89	2.84	1.10	0.888	0.520B	4
5	0.800B	0.630B	1.70 B	8.02	6.27	4.82	1.80	2.87	2.48	1.18	0.703	0.510B	5
6	0.840B	0.630B	1.50 B	5.69	5.94	5.03	1.81	2.87	2.43	1.11	0.888	0.510B	6
7	0.850B	0.640B	1.10 B	4.88	7.74	5.08	1.83	2.80	2.41	1.08	0.707	0.500B	7
8	0.840B	0.680B	0.900B	4.03	8.83	5.02	1.48	2.30	2.25	1.08	0.702	0.420B	8
9	0.700B	0.690B	0.800B	3.63	10.8	4.74	1.48	2.25	2.12	1.07	0.886	0.500B	9
10	0.760B	0.710B	0.780B	3.34	11.0	4.39	1.74	2.22	2.07	1.03	0.883	0.890B	10
11	0.820B	0.730B	0.778B	3.28	9.61	4.26	1.66	3.82	2.01	1.01	0.808	0.370B	11
12	0.820B	0.760B	0.820B	3.00	9.89	3.91	1.56	3.08	1.94	1.02	0.871	0.430B	12
13	0.800B	0.760B	0.980B	2.86	9.87	3.67	1.47	3.00	1.87	0.988	0.878	0.440B	13
14	0.780B	0.730B	1.00 B	2.86	8.07	3.78	1.38	2.78	1.86	0.999	0.888B	0.450B	14
15	0.710B	0.710B	1.00 B	2.80	7.84	3.87	1.35	10.1	1.84	1.06	0.897B	0.430B	15
16	0.670B	0.690B	1.00 B	3.12	7.85	3.87	1.47	8.84	1.82	1.03	0.827B	0.400B	16
17	0.830B	0.680B	0.900B	5.38	8.83	3.31	1.89	7.88	1.84	0.988	0.802B	0.378B	17
18	0.820B	0.630B	0.700B	5.78	5.88	2.88	2.81	8.24	1.88	0.967	0.870B	0.380B	18
19	0.810B	0.810B	0.470B	4.87	5.05	3.06	38.2	5.31	1.86	0.931	0.800B	0.320B	19
20	0.800B	0.800B	0.400B	4.27	4.82	3.15	21.2	4.42	1.87	0.932	0.800B	0.240B	20
21	0.810B	0.880B	1.10 B	3.80	4.17	3.15	22.5	3.89	1.45	0.888	0.880B	0.230B	21
22	0.700B	0.810B	1.10 B	4.23	3.84	2.86	71.5	3.84	1.42	0.887	0.850B	0.200B	22
23	0.840B	0.480B	1.00 B	4.33	3.24	2.78	80.3	3.37	1.37	0.886	0.850B	0.200B	23
24	0.840B	0.410B	1.00 B	3.69	2.81	2.80	37.3	8.31	1.34	0.785	0.850B	0.200B	24
25	0.830B	0.410B	1.03 B	3.77	3.09	3.21	18.6	8.88	1.33	0.717	0.801B	0.200B	25
26	0.800B	0.410B	1.03 B	3.67	3.71	3.03	11.9	8.48	1.38	0.788	0.480B	0.200B	26
27	0.772B	0.410B	0.900B	4.30	15.3	1.97	9.05	5.84	1.48	0.791	0.810B	0.200B	27
28	0.780B	0.470B	0.800B	5.63	17.6	2.13	7.30	4.82	1.35	0.852	0.450B	0.200B	28
29	0.800B		1.00 B	10.3	13.3	1.88	8.13	4.43	1.27	0.718	0.420B	0.210B	29
30	0.820B		1.36 B	14.1	8.33	1.82	5.45	3.83	1.24	0.720	0.480B	0.230B	30
31	0.820B		1.29		7.63		4.74	3.48		0.735		0.300B	31
TOTAL	23.881	17.927	30.695	133.71	248.86	109.31	337.24	140.71	55.88	28.488	17.940	11.285	TOTAL
MEAN	0.780	0.638	0.990	4.48	7.82	3.84	10.8	4.84	1.88	0.951	0.588	0.384	MEAN
MAX	0.850	0.800	1.70	14.1	17.8	8.88	71.5	10.1	3.05	1.20	0.715	0.890	MAX
MIN	0.800	0.410	0.470	1.48	2.81	1.82	1.35	2.22	1.24	0.852	0.420	0.200	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.18
MAXIMUM DAILY, 71.5 ON JUL 22
MINIMUM DAILY, 0.200B ON DEC 23
MAXIMUM INSTANTANEOUS,
106 AT 18:43 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 38 N
LONG 113 47 35 W
DRAINAGE AREA, 338 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 030	JUL	29 100
FEB	1 510	AUG	13 200
MAR	2 580	SEP	4 810
APR	11 600	OCT	2 380
MAY	21 300	NOV	1 550
JUN	9 440	DEC	978

TOTAL DISCHARGE, 99 900 dam³

DUTCH CREEK NEAR THE MOUTH - STATION NO. 05AA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	7.49E	2.17	1.03	1.43	0.635	0.423	0.318	---	1
2	---	---	---	---	8.24E	2.01	0.980	1.31	0.623	0.425	0.311	---	2
3	---	---	---	---	8.11E	1.94	0.956	1.24	0.654	0.412	0.303	---	3
4	---	---	---	---	4.72E	2.04	0.929	1.19	0.634	0.388	0.298	---	4
5	---	---	---	---	4.80E	2.28	1.30	1.23	0.602	0.386	0.287A	---	5
6	---	---	---	---	5.28E	2.41	1.12	1.10	0.620	0.381	---	---	6
7	---	---	---	---	5.80A	2.35	0.981	1.06	0.601	0.381	---	---	7
8	---	---	---	---	6.81	2.38	0.966	0.970	0.581	0.388	---	---	8
9	---	---	---	---	7.02	2.41	0.987	0.945	0.547	0.381	---	---	9
10	---	---	---	---	6.61	2.28	1.08	0.986	0.531	0.3648	---	---	10
11	---	---	---	---	6.00	2.13	0.979	1.13	0.514	0.3888	---	---	11
12	---	---	---	---	6.38	2.02	0.894	1.03	0.505	0.372	---	---	12
13	---	---	---	---	6.80	2.07	0.838	1.08	0.499	0.3888	---	---	13
14	---	---	---	0.798B	6.24	2.06	0.785	1.26	0.481	0.3638	---	---	14
15	---	---	---	1.49 B	4.86	2.01	0.772	1.28	0.488	0.378	---	---	15
16	---	---	---	1.80	4.84	2.18	0.874	1.19	0.481	0.372	---	---	16
17	---	---	---	2.01	4.03	1.85	0.871	1.21	0.474	0.373	---	---	17
18	---	---	---	1.70	3.78	1.84	1.74	1.11	0.472	0.3478	---	---	18
19	---	---	---	1.47	3.53	1.77	3.07	1.07	0.482	0.3708	---	---	19
20	---	---	---	1.38	3.22	1.73	3.48	1.02	0.446	0.4008	---	---	20
21	---	---	---	1.88	2.98	1.83	3.18	0.885	0.427	0.3908	---	---	21
22	---	---	---	2.00	2.78	1.68	3.38	0.923	0.423	0.3638	---	---	22
23	---	---	---	1.70	2.88	1.37	3.36	0.888	0.424	0.3658	---	---	23
24	---	---	---	1.85 E	2.65	1.27	3.17	0.879	0.421	0.3748	---	---	24
25	---	---	---	2.13 E	2.61	1.31	3.07	0.882	0.421	0.339	---	---	25
26	---	---	---	2.71 E	2.38	1.17	3.00	0.845	0.482	0.3308	---	---	26
27	---	---	---	3.20 E	2.39	1.14	1.76	0.788	0.580	0.322	---	---	27
28	---	---	---	4.17 E	2.41	1.22	1.83	0.741	0.473	0.314	---	---	28
29	---		---	5.87 E	2.40	1.10	1.83	0.720	0.448	0.318	---	---	29
30	---		---	5.40 E	2.37	1.08	1.83	0.885	0.431	0.320	---	---	30
31	---		---		2.33		1.71	0.858		0.316	---	---	31
TOTAL	---	---	---	---	138.53	54.40	45.120	31.775	15.311	11.497	---	---	TOTAL
MEAN	---	---	---	---	4.37	1.81	1.46	1.03	0.510	0.371	---	---	MEAN
MAX	---	---	---	---	7.49	2.41	3.07	1.43	0.654	0.425	---	---	MAX
MIN	---	---	---	---	2.33	1.08	0.772	0.858	0.421	0.314	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 7.49E ON MAY 1
MINIMUM DAILY, 0.314 ON OCT 26
MAXIMUM INSTANTANEOUS,
8.08 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 08 N
LONG 114 25 49 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 900
FEB	---	AUG	2 750
MAR	---	SEP	1 320
APR	---	OCT	893
MAY	11 700	NOV	---
JUN	4 700	DEC	---

TOTAL DISCHARGE, 25 400 dam³

EAST PRAIRIE RIVER NEAR EMILDA - STATION NO. 07BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.528B	0.808B	19.7	10.5	3.11	5.88	5.60	2.11	---	---	1
2	---	---	0.515B	1.34 B	20.2	17.0	1.61	12.2	5.53	1.70	---	---	2
3	---	---	0.510B	1.18 B	33.1	15.7	1.61	8.09	4.17	1.61	---	---	3
4	---	---	0.500B	3.62 B	36.1	14.3	1.34	24.1	5.88	1.34	---	---	4
5	---	---	0.480B	5.63 B	24.7	13.0	1.34	18.1	13.0	2.37	---	---	5
6	---	---	0.460B	3.18 B	19.1	11.3	1.19	11.7	11.7	2.11	---	---	6
7	---	---	0.470B	3.21 B	14.3	10.5	1.04	8.47	8.86	2.11	---	---	7
8	---	---	0.470B	4.50 B	13.6	8.86	1.19	7.33	7.33	1.80	---	---	8
9	---	---	0.470B	12.8 B	8.47	8.09	1.04	5.88	5.63	1.80	---	---	9
10	---	---	0.485B	36.7 B	10.1	9.60	2.70E	4.63	5.18	1.80	---	---	10
11	---	---	0.485B	32.5 B	10.5	5.53	4.17	8.24	4.63	1.70	---	---	11
12	---	---	0.485B	29.1 B	9.24	9.24	8.47	21.9	4.17	1.70	---	---	12
13	---	---	0.470B	27.1 B	7.33	7.33	4.63	26.4	5.18	1.70	---	---	13
14	---	---	0.480B	48.1 B	7.71	6.53	3.62	17.5	5.18	1.70	---	---	14
15	---	---	0.490B	38.2 B	8.24	4.63	2.62	16.7	4.80	1.70	---	---	15
16	---	---	0.500B	31.3	8.24	4.17	2.11	12.2	4.17	1.70	---	---	16
17	---	---	0.500B	26.6	5.88	3.62	1.61	7.33	5.18	1.70	---	---	17
18	---	---	0.510B	22.6	8.24	3.21	1.34	5.88	7.33	1.70	---	---	18
19	---	---	0.515B	20.6	5.88	3.21	2.71	10.5	5.88	1.70	---	---	19
20	---	---	0.520B	14.6	6.80	3.62	3.62	9.86	4.63	1.70	---	---	20
21	---	---	0.510B	13.2	14.3	3.62	3.21	16.8 E	4.80	1.61	---	---	21
22	---	---	0.505B	12.2	11.7	2.37	3.62	23.5	3.84	1.61	---	---	22
23	---	---	0.500B	11.3	9.24	2.11	3.37	17.5	3.62	1.61	---	---	23
24	---	---	0.492B	10.5	7.71	1.80	2.11	11.7	3.21	1.34	---	---	24
25	---	---	0.485B	9.86	8.86	3.21	1.70	8.47	2.80	1.38E	---	---	25
26	---	0.550B	0.470B	8.86	8.24	3.21	1.61	8.24	2.62	1.34	---	---	26
27	---	0.550B	0.504B	10.1	8.18	2.80	1.34	8.18	3.37	1.34	---	---	27
28	---	0.540B	0.488B	9.86	6.63	2.37	2.37	6.60	2.62	1.34	---	---	28
29	---		0.485B	12.2	6.63	2.37	2.11	3.21	2.41E	1.34	---	---	29
30	---		0.488B	16.1	6.80	2.11	1.71	8.08	2.37	1.61	---	---	30
31	---		0.604B		8.24		8.88	7.33		1.61	---	---	31
TOTAL	---	---	15.147	485.168	381.98	190.21	80.88	380.61	158.47	51.58	---	---	TOTAL
MEAN	---	---	0.488	16.2	11.6	6.34	2.93	11.3	5.22	1.86	---	---	MEAN
MAX	---	---	0.528	48.1	36.1	17.0	8.86	26.4	13.0	2.37	---	---	MAX
MIN	---	---	0.455	8.808	6.80	1.80	1.04	3.21	2.37	1.34	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.81
MAXIMUM DAILY, 48.1B ON APR 14
MINIMUM DAILY, 0.455B ON MAR 28
MAXIMUM INSTANTANEOUS,
50.8 AT 20:00 MST ON MAY 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 28 00 N
LONG 118 20 20 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 830
FEB	---	AUG	30 300
MAR	1 310	SEP	13 500
APR	42 000	OCT	4 450
MAY	30 400	NOV	---
JUN	18 400	DEC	---

TOTAL DISCHARGE, 148 000 dam³

REMARKS - OBSERVATION AT TIME WHEN PEAK DISCHARGE WAS OCCURRING

EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM - STATION NO. 05CJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	31.8	38.8	34.2	38.8	31.4	25.8	OE	---	1
2	---	---	---	0	32.6	38.2	34.2	38.6	31.7	24.8	OE	---	2
3	---	---	---	0	28.6	38.0	34.1	38.6	31.7	25.1	OE	---	3
4	---	---	---	0	31.1	37.5	33.4	38.7	31.8	24.3	OE	---	4
5	---	---	---	0	33.6	37.8	33.3	38.2	31.7	24.4	OA	---	5
6	---	---	---	0	34.6	37.1	32.7	38.1	31.5	24.1	OE	---	6
7	---	---	---	0	34.6	36.6	35.2	38.7	30.8	24.3	OE	---	7
8	---	---	---	0	34.4	37.3	36.7	38.6	30.4	26.9	OE	---	8
9	---	---	---	0	35.3	37.5	38.1	35.1	30.8	29.4	OE	---	9
10	---	---	---	0	34.7	37.4	34.8	36.6	31.0	31.2	OE	---	10
11	---	---	---	0	34.3	37.4	34.7	38.7	31.3	31.3	OE	---	11
12	---	---	---	0	33.4	37.9	34.2	38.6	31.3	30.8	OE	---	12
13	---	---	---	0	34.2	37.8	34.6	37.1	31.1	30.9	OE	---	13
14	---	---	---	8.00	36.1	37.3	38.1	38.6	30.7	30.3	OE	---	14
15	---	---	---	12.8	35.1	37.8	38.3	38.6	28.8	31.0	OE	---	15
16	---	---	---	12.6	35.6	38.4	38.8	38.7	28.8	33.4	OE	---	16
17	---	---	---	11.8	35.6	37.7	38.1	37.0	28.3	27.4	OE	---	17
18	---	---	---	12.0	35.0	38.0	38.8	37.8	28.1	16.4	OE	---	18
19	---	---	---	11.8	35.0	37.7	38.7	38.4	28.0	6.36 A	OE	---	19
20	---	---	---	18.1	38.3	38.0	38.7	27.8	28.0	1.00 E	OE	---	20
21	---	---	---	18.3	37.1	38.1	38.0	34.7	27.8	0.800E	OE	---	21
22	---	---	---	22.3	36.2	37.3	38.1	34.3	27.8	0 E	OE	---	22
23	---	---	---	38.4	38.6	38.8	38.6	32.3	28.1	0 E	OE	---	23
24	---	---	---	38.4	38.1	37.1	38.4	31.3	28.1	0 E	OE	---	24
25	---	---	---	34.2	38.1	38.3	38.2	30.7	27.1	0 E	OE	---	25
26	---	---	---	21.3	36.2	38.8	38.7	30.6	27.0	0 E	OE	---	26
27	---	---	---	34.2	38.0	38.7	38.3	31.3	28.8	0 E	OE	---	27
28	---	---	---	38.4	38.8	38.0	38.7	31.4	28.1	0 E	OE	---	28
29	---		---	38.0	38.0	38.0	38.2	31.3	28.7	0 E	OE	---	29
30	---		0A	29.8	39.0	34.8	38.1	30.8	28.8	0 E	OE	---	30
31	---		0		39.0		38.3	31.8		0 E		---	31
TOTAL	---	---	---	336.30	1 030.4	1 116.0	1 088.2	1 071.2	878.1	503.180	0	---	TOTAL
MEAN	---	---	---	11.2	35.2	37.3	35.4	34.6	29.2	16.2	0	---	MEAN
MAX	---	---	---	30.0	39.0	38.8	38.8	37.9	31.7	33.4	0	---	MAX
MIN	---	---	---	0	29.8	34.8	32.7	27.8	28.8	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.0
MAXIMUM DAILY, 39.0 ON MAY 30
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 15 N
LONG 112 20 29 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84 800
FEB	---	AUG	82 600
MAR	---	SEP	75 700
APR	29 000	OCT	43 500
MAY	94 200	NOV	0
JUN	86 800	DEC	---

TOTAL DISCHARGE, 527 000 dam³

EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO - STATION NO. 05CJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	1.71	12.7	10.5	8.61	0.903	0.935	0	---	1
2	---	---	---	0	1.82	12.7	10.4	8.50	1.09	0.893	0	---	2
3	---	---	---	0	1.48	12.4	10.0	8.45	0.873	1.01	0	---	3
4	---	---	---	0	4.38	12.3	8.87	8.44	0.838	0.988	0	---	4
5	---	---	---	0	8.28	12.2	8.87	8.29	0.895	0.889	0A	---	5
6	---	---	---	0	8.82	11.8	8.87	8.33	0.885	0.808	0E	---	6
7	---	---	---	0	8.99	11.8	9.16	8.20	0.880	0.818	0E	---	7
8	---	---	---	0	7.34	10.2	9.10	8.31	1.02	0.811	0E	---	8
9	---	---	---	0	7.88	9.62	9.30	9.03	1.07	0.784	0E	---	9
10	---	---	---	0	7.83	11.1	8.70	9.41	1.08	0.874	0E	---	10
11	---	---	---	0	7.88	11.3	8.93	7.88	1.02	1.02	0E	---	11
12	---	---	---	0	8.36	11.1	8.81	7.10	1.04	1.02	0E	---	12
13	---	---	---	0	8.87	11.0	8.84	6.99	1.07	0.978	0E	---	13
14	---	---	---	0	8.59	10.9	9.40	6.82	0.995	0.822	0E	---	14
15	---	---	---	0	9.42	11.1	9.24	6.79	0.809	1.67	0E	---	15
16	---	---	---	0	8.71	11.2	8.41	6.76	0.894	1.29	0E	---	16
17	---	---	---	0	8.76	10.6	7.82	6.96	0.872	0.400	0E	---	17
18	---	---	---	0	9.83	10.0	6.82	5.46	0.882	0.118	0E	---	18
19	---	---	---	0	10.1	10.8	6.76	3.74	0.880	0	0E	---	19
20	---	---	---	0	10.3	11.6	6.84	0.850	0.704	0	0E	---	20
21	---	---	---	0	10.2	11.8	6.80	0.754	0.734	0	0E	---	21
22	---	---	---	0	10.7	11.8	6.88	0.688	0.759	0	0E	---	22
23	---	---	---	0	10.8	11.6	6.86	0.727	0.822	0	0E	---	23
24	---	---	---	0	11.1	11.8	6.73	0.727	0.813	0	0E	---	24
25	---	---	---	0	11.2	13.0	6.84	0.788	0.732	0	0E	---	25
26	---	---	---	0	8.87	11.4	6.31	0.777	0.896	0	0E	---	26
27	---	---	---	0	9.33	11.8	6.82	0.821	0.820	0	0E	---	27
28	---	---	---	0	12.1	11.2	6.88	0.850	0.880	0	0E	---	28
29	---		---	1.03	11.8	11.1	6.43	0.868	0.882	0	0E	---	29
30	---		0A	1.72	12.1	10.7	6.32	0.823	1.01	0	0E	---	30
31	---		0		12.1		6.40	0.844		0		---	31
TOTAL	---	---	---	2.75	287.36	340.92	277.42	181.065	26.036	18.218	0	---	TOTAL
MEAN	---	---	---	0.092	8.83	11.4	8.85	5.20	0.868	0.823	0	---	MEAN
MAX	---	---	---	1.72	12.1	12.7	10.8	8.61	1.09	1.67	0	---	MAX
MIN	---	---	---	0	1.48	9.62	6.76	0.850	0.820	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.47
MAXIMUM DAILY, 12.7 ON JUN 1
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 112 25 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24 000
FEB	---	AUG	13 900
MAR	---	SEP	3 250
APR	238	OCT	1 400
MAY	23 100	NOV	0
JUN	29 900	DEC	---

TOTAL DISCHARGE, 94 400 dam³

EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM - STATION NO. 05CJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	16.9	17.7	12.4	2.50	4.55	0.035	---	1
2	---	---	---	0	0	13.7	17.8	12.4	2.47	4.49	0.032	---	2
3	---	---	---	0	0	12.8	18.0	12.5	2.48	4.43	0.027	---	3
4	---	---	---	0	1.00E	13.5	16.6	13.7	2.48	4.34	0.018	---	4
5	---	---	---	0	2.00E	15.5	17.3	14.3	2.48	4.32	0.020A	---	5
6	---	---	---	0	2.00A	15.9	17.1	14.4	2.48	4.31	0.015E	---	6
7	---	---	---	0	3.53	15.6	16.2	14.5	2.48	4.33	0.015E	---	7
8	---	---	---	0	5.46	16.0	16.1	14.5	2.48	5.41	0.010E	---	8
9	---	---	---	0	5.83	16.4	15.0	14.4	2.44	5.87	0.010E	---	9
10	---	---	---	0	5.75	21.3	13.5	13.0	2.43	5.73	0.005E	---	10
11	---	---	---	0	7.09	23.7	16.2	11.5	2.42	5.81	0.005E	---	11
12	---	---	---	0	10.0	24.8	14.4	10.8	2.41	5.88	0 E	---	12
13	---	---	---	0	10.4	24.6	14.6	9.47	2.40	5.84	0 E	---	13
14	---	---	---	0	10.7	25.3	14.3	7.38	2.38	5.68	0 E	---	14
15	---	---	---	0	12.0	26.6	21.1	6.87	2.38	6.27	0 E	---	15
16	---	---	---	0	13.0	25.7	21.7	6.68	2.70	2.81	0 E	---	16
17	---	---	---	0	13.1	23.8	22.1	6.34	2.67	0.301	0 E	---	17
18	---	---	---	0	13.5	21.8	22.5	3.78	3.63	0.171	0 E	---	18
19	---	---	---	0	15.8	20.6	15.8	3.16	4.38	0.133	0 E	---	19
20	---	---	---	0	16.2	19.8	15.7	2.88	4.39	0.085	0 E	---	20
21	---	---	---	0	16.3	18.7	15.8	2.82	4.48	0.084	0 E	---	21
22	---	---	---	0	19.8	17.0	14.0	2.64	4.48	0.028	0 E	---	22
23	---	---	---	0	20.7	14.5	13.3	2.62	4.44	0.448	0 E	---	23
24	---	---	---	0	20.8	13.3	13.4	2.63	4.40	0.184	0 E	---	24
25	---	---	---	0	23.8	12.7	13.2	2.89	4.22	0.142	0 E	---	25
26	---	---	---	0	25.3	13.7	13.3	2.86	4.26	0.114	0 E	---	26
27	---	---	---	0	25.0	14.0	13.8	2.84	4.57	0.085	0 E	---	27
28	---	---	---	0	23.4	14.0	13.8	2.84	4.58	0.070	0 E	---	28
29	---		---	0	18.9	13.8	13.8	2.83	4.59	0.084	0 E	---	29
30	---		0A	0	15.8	15.3	14.0	2.83	4.57	0.047	0 E	---	30
31	---		0		14.8		13.0	2.83		0.040		---	31
TOTAL	---	---	---	0	377.24	544.7	488.3	231.87	99.32	89.806	0.193	---	TOTAL
MEAN	---	---	---	0	12.2	18.2	15.1	7.47	3.31	2.79	0.006	---	MEAN
MAX	---	---	---	0	25.3	25.7	22.5	14.5	4.59	6.27	0.035	---	MAX
MIN	---	---	---	0	0	12.7	13.0	2.62	2.38	0.028	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.83
MAXIMUM DAILY, 25.7 ON JUN 16
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 20 N
LONG 112 30 20 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	43 100
FEB	---	AUG	20 000
MAR	---	SEP	8 580
APR	0	OCT	7 480
MAY	32 600	NOV	16.7
JUN	47 100	DEC	---

TOTAL DISCHARGE, 159 000 dam³

ELBOW RIVER ABOVE ELBOW FALLS - STATION NO. 05BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.40B	2.36	4.83	5.47	5.49	7.13	5.16	3.89	2.80	---	1
2	---	---	2.37B	2.36	5.26	5.33	5.73	6.77	5.30	3.84	3.81A	---	2
3	---	---	2.29	2.89	4.71	5.22	5.31	6.53	5.61	3.79	---	---	3
4	---	---	2.46	2.88	4.68	5.32	5.74	6.18	5.31	3.77	---	---	4
5	---	---	2.59	2.88	4.82	5.83	7.52	6.19	5.08	3.73	---	---	5
6	---	---	2.59	2.86	5.26	5.34	7.69	5.87	5.31	3.68	---	---	6
7	---	---	2.46	2.44	5.48	6.84	7.08	5.82	5.17	3.86	---	---	7
8	---	---	2.36	2.38	6.08	6.82	8.86	5.49	5.08	3.82	---	---	8
9	---	---	2.27	2.33	5.82	6.94	6.58	5.48	5.01	3.88	---	---	9
10	---	---	2.24	2.31	9.03	7.13	7.59	8.20	4.84	3.83	---	---	10
11	---	---	2.19	2.30	6.08	6.81	7.72	6.10	4.84	3.81	---	---	11
12	---	---	2.18	2.27	6.81	6.48	7.90	7.71	4.80	3.67	---	---	12
13	---	---	2.16	2.27	6.78	6.85	7.41	6.16	4.77	3.66	---	---	13
14	---	---	2.12	2.27	7.47	7.04	6.83	6.82	4.70	3.62	---	---	14
15	---	---	2.09	2.38	7.24	7.08	6.82	10.5	4.83	3.62	---	---	15
16	---	---	2.07	2.34	7.89	18.0	8.61	9.74	4.89	3.38	---	---	16
17	---	---	2.04	2.46	7.12	13.0	8.17	8.98	4.84	3.36	---	---	17
18	---	---	2.04	2.61	7.03	9.08	8.61	8.31	4.48	3.31	---	---	18
19	---	---	2.08	2.46	6.98	7.83	15.4	8.00	4.43	3.24	---	---	19
20	---	---	2.08	2.47	8.44	7.78	19.8	7.48	4.38	3.21	---	---	20
21	---	---	2.08	2.48	8.03	7.52	17.6	7.08	4.31	3.18	---	---	21
22	---	---	2.05	2.80	6.76	7.08	21.7	6.85	4.28	3.14	---	---	22
23	---	---	2.10	2.48	8.47	8.51	18.0	6.38	4.20	3.09	---	---	23
24	---	2.80B	2.06	2.48	8.36	8.98	16.4	6.38	4.18	3.08	---	---	24
25	---	2.84B	2.06	2.47	8.27	8.83	13.4	6.33	4.18	3.02	---	---	25
26	---	2.48B	2.04	2.47	8.26	8.44	11.4	6.88	4.28	3.02	---	---	26
27	---	2.48B	2.02	2.46	8.22	8.52	9.88	6.77	4.22	2.97	---	---	27
28	---	2.43B	2.18	2.47	8.24	8.57	8.88	6.68	4.12	2.93	---	---	28
29	---		2.24	2.58	8.47	8.41	8.07	6.85	4.08	2.90	---	---	29
30	---		2.05	3.08	8.48	8.80	7.84	6.62	3.98	2.84	---	---	30
31	---		2.18		8.48		7.49	6.38		2.83		---	31
TOTAL	---	---	68.01	73.48	198.85	210.89	288.89	214.87	135.78	103.84	---	---	TOTAL
MEAN	---	---	2.19	2.45	6.41	7.03	9.57	6.92	4.68	3.35	---	---	MEAN
MAX	---	---	2.59	3.08	9.03	18.0	21.7	10.5	5.61	3.89	---	---	MAX
MIN	---	---	2.02	2.26	4.68	5.32	5.49	5.38	3.98	2.83	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.33
MAXIMUM DAILY, 21.7 ON JUL 23
MINIMUM DAILY, 2.02 ON MAR 27
MAXIMUM INSTANTANEOUS,
23.7 AT 03:07 MST ON JUL 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 20 N
LONG 114 47 37 W
DRAINAGE AREA, 637 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 600
FEB	---	AUG	19 600
MAR	5 680	SEP	13 100
APR	5 380	OCT	6 870
MAY	17 200	NOV	---
JUN	18 200	DEC	---

TOTAL DISCHARGE, 113 000 dam³

ELBOW RIVER AT BRAGG CREEK - STATION NO. 05BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.358	2.908	3.358	4.758	7.27	7.12	8.83	10.4	7.52	5.38	4.84	4.108	1
2	3.308	2.908	3.408	4.778	8.44	6.88	7.32	9.82	7.62	5.38	4.82	4.038	2
3	3.258	2.908	3.908	5.408	7.81	6.71	7.88	8.86	6.88	5.30	4.89	4.088	3
4	3.208	3.008	3.788	5.648	7.17	6.78	8.80	8.42	6.00	5.28	4.81	4.04	4
5	3.108	3.108	4.188	5.178	7.33	7.10	8.71	8.40	7.88	5.28	4.81	4.07	5
6	3.108	3.208	4.308	5.278	7.83	7.82	10.2	8.84	7.72	5.28	4.88	4.05	6
7	3.108	3.108	4.158	4.828	8.57	8.22	9.44	8.46	7.58	5.22	4.48	4.04	7
8	3.108	3.108	3.988	4.448	8.88	8.26	8.78	8.18	7.37	5.17	4.40	4.008	8
9	3.108	3.008	3.808	4.128	11.7	8.34	8.58	8.13	7.18	5.18	4.38	3.708	9
10	3.158	3.008	3.808	4.018	11.8	8.47	10.4	8.88	8.88	5.08	4.42	3.388	10
11	3.208	3.008	3.708	4.038	10.8	8.18	10.2	11.7	8.87	5.08	4.41	3.208	11
12	3.208	2.788	4.128	3.888	10.8	7.82	10.3	10.8	8.73	5.08	4.40	3.188	12
13	3.208	2.898	3.888	3.888	11.3	8.18	9.86	11.8	8.88	5.02	4.33	3.188	13
14	3.158	2.788	3.678	3.888	8.83	8.43	8.83	14.1	8.58	4.87	4.38	2.958	14
15	3.128	2.838	3.898	3.948	8.43	8.38	8.48	15.1	8.45	5.07	4.228	2.728	15
16	3.108	2.788	3.948	3.97	10.1	15.8	8.88	14.8	8.43	5.01	4.208	2.628	16
17	3.058	2.778	3.858	4.22	8.57	14.8	8.74	14.1	8.23	5.17	4.208	2.608	17
18	3.008	2.778	3.858	4.39	8.33	11.5	11.0	12.8	8.22	4.93	4.208	2.888	18
19	3.008	2.108	3.788	4.10	8.38	10.1	24.3	12.0	8.07	4.88	4.23	2.708	19
20	3.008	2.878	3.888	4.25	8.78	10.1	23.0	11.3	8.02	4.81	4.24	2.718	20
21	3.008	2.728	3.848	4.42	8.24	9.50	21.8	10.8	5.88	4.85	4.27	2.808	21
22	3.008	2.828	3.608	4.88	7.88	8.81	24.2	10.1	5.81	4.83	4.27	2.488	22
23	3.008	2.878	3.628	4.44	7.83	8.18	21.8	9.84	5.74	4.77	4.23	2.428	23
24	3.008	2.838	3.688	4.38	7.33	7.88	19.8	9.52	5.86	4.77	4.238	2.508	24
25	3.008	2.788	3.898	4.38	7.21	7.11	17.3	9.87	5.88	4.73	4.23	2.528	25
26	2.908	2.778	3.568	4.33	7.20	6.88	15.8	9.17	5.88	4.73	4.208	2.518	26
27	2.908	2.878	3.578	4.31	7.08	7.04	14.0	8.81	5.88	4.88	4.14	2.508	27
28	2.908	3.108	3.518	4.42	7.04	7.18	12.7	8.28	5.68	4.72	4.108	2.498	28
29	2.908		3.598	4.87	7.18	6.90	11.8	8.13	5.62	4.83	4.158	2.478	29
30	2.908		3.558	5.20	7.18	7.08	11.3	7.89	5.48	4.82	4.158	2.438	30
31	2.808		4.158		7.20		11.1	7.70		4.88		2.438	31
TOTAL	95.17	81.24	116.22	133.81	267.18	256.44	383.00	319.21	197.70	154.39	130.04	95.31	TOTAL
MEAN	3.07	2.90	3.72	4.46	8.62	8.51	12.7	10.3	8.59	4.98	4.33	3.07	MEAN
MAX	3.35	3.20	4.30	5.84	11.7	15.8	24.3	15.1	8.58	5.38	4.84	4.10	MAX
MIN	2.80	2.62	3.35	3.88	7.04	6.71	8.83	7.70	5.48	4.82	4.10	2.42	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.13
MAXIMUM DAILY, 24.3 ON JUL 19
MINIMUM DAILY, 2.428 ON DEC 23
MAXIMUM INSTANTANEOUS,
26.5 AT 10:02 MST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 53 N
LONG 114 36 10 W
DRAINAGE AREA, 781 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 220	JUL	34 000
FEB	7 020	AUG	27 600
MAR	9 980	SEP	17 100
APR	11 600	OCT	13 300
MAY	23 100	NOV	11 200
JUN	22 100	DEC	8 230

TOTAL DISCHARGE, 193 000 dam³

ELBOW RIVER AT SARCEE BRIDGE - STATION NO. 05BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	6.28	---	6.90	8.30	10.2	7.65	5.28	---	---	1
2	---	---	---	7.16	---	6.53	8.12	9.66	7.60A	5.15	---	---	2
3	---	---	---	7.20	---	6.33	8.86	9.87	---	5.07	---	---	3
4	---	---	---	7.51	---	6.09	8.45	9.58	---	5.02	---	---	4
5	---	---	---	8.55	---	6.28	9.26	9.89	---	5.00	---	---	5
6	---	---	---	8.52	---	7.00	10.1	8.94	---	4.87	---	---	6
7	---	---	---	8.05	---	7.34	9.88	8.37	---	4.84	---	---	7
8	---	---	---	8.10	8.65A	7.47	9.08	8.04	---	4.94	---	---	8
9	---	---	---	8.50	11.3	7.60	8.31	7.88	---	4.94	---	---	9
10	---	---	---	8.28	11.8	7.58	9.44	8.85	---	4.83	---	---	10
11	---	---	---	8.33	11.4	7.62	9.83	11.1	---	4.85	---	---	11
12	---	---	---	8.88	11.0	7.28	9.88	11.0	---	4.82	---	---	12
13	---	---	---	8.88	11.8	7.18	9.43	11.8	---	4.78	---	---	13
14	---	---	---	8.85	10.8	7.33	8.48	14.8	---	4.74	---	---	14
15	---	---	---	8.12	10.0	7.80	7.83	18.3	---	4.87	---	---	15
16	---	---	---	8.18	10.3	11.7	8.88	18.1	---	4.85	---	---	16
17	---	---	---	8.18	10.4	16.5	8.74	18.8	---	4.95	---	---	17
18	---	---	---	8.80	9.89	13.8	9.44	14.8	---	4.87	---	---	18
19	---	---	---	8.30	8.71	10.4	23.2	13.1	---	4.70	---	---	19
20	---	---	---	8.20	8.48	10.3	27.4	12.1	---	4.84	---	---	20
21	---	---	---	8.40	8.77	8.91	24.9	11.2	---	4.88	---	---	21
22	---	---	---	8.48	8.48	8.88	25.4	10.5	---	4.84	---	---	22
23	---	---	3.30A	8.47	7.94	8.08	25.0	9.91	---	4.48	---	---	23
24	---	---	3.88	8.27	7.87A	7.38	22.0	9.73	---	4.50	---	---	24
25	---	---	3.84	8.18	7.40E	8.72	20.8	10.8	---	4.47	---	---	25
26	---	---	3.30	8.07	7.09A	8.18	18.7	8.82	---	4.46	---	---	26
27	---	---	3.32	4.88	7.07	8.30	16.4	8.09	---	4.48A	---	---	27
28	---	---	3.83	4.88	8.83	8.78	13.3	8.81	---	4.40E	---	---	28
29	---		3.48	5.11	8.88	8.28	12.1	8.87	---	4.40E	---	---	29
30	---		4.13	5.40A	8.91	8.24	11.3	8.15	5.40A	4.40E	---	---	30
31	---		4.58		8.86		11.0	7.79		4.40E		---	31
TOTAL	---	---	---	186.04	---	238.82	406.58	331.82	---	147.34	---	---	TOTAL
MEAN	---	---	---	8.80	---	8.00	13.1	10.7	---	4.75	---	---	MEAN
MAX	---	---	---	7.51	---	15.5	27.4	18.8	---	5.28	---	---	MAX
MIN	---	---	---	4.88	---	6.09	8.13	7.79	---	4.40	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 27.4 ON JUL 20
MINIMUM DAILY, 4.40E ON OCT 26
MAXIMUM INSTANTANEOUS,
29.8 AT 22:52 MST ON JUL 19

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 40 N
LONG 114 10 00 W
DRAINAGE AREA, 1 130 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	35 000
FEB	---	AUG	26 600
MAR	---	SEP	---
APR	14 500	OCT	13 700
MAY	---	NOV	---
JUN	20 700	DEC	---

ELBOW RIVER BELOW GLENMORE DAM - STATION NO. 05BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.409	1.36	1.38	1.31	1.43	1.87	1.37	5.87	1.24	1.28	1.40	1.87	1
2	1.48	1.36	1.36	1.32	2.88	1.88	1.38	5.74	1.38	1.28	1.83	1.84	2
3	1.34	1.48	1.34	1.32	5.88	2.18	3.34	5.68	1.38	1.28	1.87	1.87	3
4	1.38	1.38	1.37	1.38	4.87	1.88	3.20	5.88	1.34	1.30	1.88	1.81	4
5	1.418	1.34	1.38	1.38	4.81	1.87	4.83	5.88	1.38	8.88	2.18	1.38	5
6	1.418	1.38	1.38	3.33	2.84	1.78	5.38	5.42	1.38	12.3	3.74	1.38	6
7	1.408	1.38	1.38	4.17	1.87	2.88	7.28	4.88	1.42	11.8	1.37	1.88	7
8	1.408	1.38	1.34	4.08	1.58	1.87	8.22	4.88	1.38	10.8	1.38	1.81	8
9	1.388	1.38	1.33	4.18	2.33	3.41	3.88	4.84	1.36	8.18	2.14	1.87	9
10	1.38	1.38	1.33	4.18	8.33	4.02	5.84	2.88	1.38	1.41	4.17	1.82	10
11	1.38	1.38	1.32	4.17	8.43	2.21	8.33	5.38	1.38	1.41	4.03	1.88	11
12	1.34	1.37	1.31	1.88	8.83	1.48	6.48	7.18	1.41	1.42	3.87	1.27	12
13	1.38	1.38	1.31	1.88	8.81	1.88	4.38	8.42	1.38	1.43	3.88	1.24	13
14	1.388	1.38	1.33	1.80	8.88	2.13	4.38	18.3	1.38	1.41	1.38	1.80	14
15	1.388	1.34	1.32	1.81	8.84	1.40	4.40	13.3	1.37	1.42	1.34	1.84	15
16	1.388	1.34	1.32	1.48	8.83	1.48	8.18	11.8	1.38	1.42	2.88	1.84	16
17	1.38	1.33	1.31	1.48	8.30	1.40	8.78	12.8	1.38	1.42	3.84	1.84	17
18	1.38	1.34	1.28	1.84	8.33	1.41	8.73	10.1	1.34	1.41	4.08	1.81	18
19	1.82	1.38	1.31	1.48	4.83	1.44	19.8	7.08	1.34	1.42	4.08	1.23	19
20	1.38	1.38	1.31	1.44	4.81	8.81	27.2	7.01	1.31	1.41	3.88	1.22	20
21	1.38	1.37	1.32	1.42	3.88	8.48	21.7	6.80	1.31	1.40	1.33	1.22	21
22	1.388	1.38	1.31	1.42	4.01	8.48	19.8	8.88	1.30	1.38	1.34	1.83	22
23	1.37	1.41	1.31	1.83	4.07	5.88	34.7	8.10	1.28	1.41	1.84	1.34	23
24	1.38	1.38	1.28	1.88	3.08	2.08	19.8	5.42	1.28	1.41	1.88	1.33	24
25	1.38	1.38	1.31	1.88	3.88	1.41	18.7	8.08	1.28	1.41	1.70	1.32	25
26	1.38	1.38	1.32	1.88	4.08	1.38	18.4	4.88	2.84	1.41	1.84	1.32	26
27	1.34	1.38	1.32	1.48	4.27	1.42	11.8	4.82	3.87	1.38	1.87	1.32	27
28	1.34	1.40	1.30	1.43	3.88	1.38	8.38	4.87	4.01	1.40	1.38	1.38	28
29	1.33		1.28	1.41	2.13	1.38	8.18	4.84	4.12	1.40	1.33	1.27	29
30	1.33		1.32	1.42	1.87	1.41	5.87	3.28	2.82	1.38	1.87	1.288	30
31	1.34		1.32		1.87		8.88	1.44		1.38		1.308	31
TOTAL	42.48	38.28	41.11	89.85	128.78	78.78	282.11	211.38	81.18	82.88	78.82	44.41	TOTAL
MEAN	1.37	1.37	1.33	1.87	4.18	2.83	8.42	8.82	1.71	2.87	2.38	1.43	MEAN
MAX	1.82	1.48	1.38	4.17	8.84	8.48	37.2	18.3	4.12	12.2	4.17	1.87	MAX
MIN	1.33	1.33	1.28	1.31	1.43	1.38	1.38	1.44	1.24	1.28	1.33	1.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.12
MAXIMUM DAILY, 37.2 ON JUL 30
MINIMUM DAILY, 1.22 ON DEC 19
MAXIMUM INSTANTANEOUS,
37.5 AT 15:41 MST ON JUL 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 55 N
LONG 114 08 33 W
DRAINAGE AREA, 1 230 km²

B - ICE CONDITIONS

REGULATED SINCE 1932

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 670	JUL	25 200
FEB	3 300	AUG	18 300
MAR	3 550	SEP	4 420
APR	5 100	OCT	7 180
MAY	11 200	NOV	6 100
JUN	8 540	DEC	3 840

TOTAL DISCHARGE, 98 400 dam³

ELDER CREEK AT HIGHWAY NO. 686 - STATION NO. 07HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0028	0.018	0.025	0.011	0.012	0.002	0	---	---	1
2	---	---	0 B	0.0108	0.018	0.084	0.011	0.085	0.003	0	---	---	2
3	---	---	0 B	0.0208	0.018	0.084	0.008	0.092	0.003	0	---	---	3
4	---	---	0 B	0.0508	0.017	0.081	0.007	0.152	0.003	0.001	---	---	4
5	---	---	0 B	0.0968	0.013	0.080	0.005	0.083	0.004	0.001	---	---	5
6	---	---	0 B	0.2008	0.011	0.213	0.004	0.088	0.005	0	---	---	6
7	---	---	0 B	0.5008	0.009	0.214	0.004	0.081	0.004	0.001	---	---	7
8	---	---	0 B	0.6208	0.008	0.174	0.004	0.035	0.002	0.003	---	---	8
9	---	---	0 B	0.4118	0.008	0.127	0.002	0.028	0.002	0.003	---	---	9
10	---	---	0 B	0.3648	0.008	0.088	0.002	0.040	0.003	0.004	---	---	10
11	---	---	0 B	0.374	0.011	0.075	0.002	0.078	0.002	0.008	---	---	11
12	---	---	0 B	0.439	0.010	0.067	0.003	0.118	0.002	0.005	---	---	12
13	---	---	0 B	0.417	0.008	0.048	0.002	0.087	0.001	0.003	---	---	13
14	---	---	0 B	0.338	0.010	0.038	0.002	0.088	0	0.002	---	---	14
15	---	---	0 B	0.311	0.009	0.027	0.002	0.080	0.002	0.002	---	---	15
16	---	---	0 B	0.288	0.008	0.027	0.001	0.085	0.001	0.002	---	---	16
17	---	---	0 B	0.243	0.007	0.028	0.002	0.057	0.001	0.001	---	---	17
18	---	---	0 B	0.185	0.008	0.021	0	0.058	0.002	0.001	---	---	18
19	---	---	0 B	0.148	0.004	0.020	0	0.038	0.002	0.001	---	---	19
20	---	---	0 B	0.148	0.007	0.017	0	0.033	0	0.001	---	---	20
21	---	---	0 B	0.078	0.007	0.018	0.001	0.031	0	0.001	---	---	21
22	---	---	0 B	0.028	0.008	0.023	0	0.023	0	0.002	---	---	22
23	---	---	0 B	0.030	0.005	0.022	0.002	0.018	0	0.010	---	---	23
24	---	0.0018	0.0018	0.031	0.005	0.021	0.003	0.018	0.001	0.004	---	---	24
25	---	0.0018	0.0018	0.022	0.004	0.032	0.003	0.012	0.001	0	---	---	25
26	---	0.0018	0.0018	0.020	0.005	0.020	0.002	0.008	0.001	0	---	---	26
27	---	0.0018	0.0018	0.018	0.008	0.017	0.001	0.008	0.001	0.004	---	---	27
28	---	0.0018	0.0018	0.013	0.005	0.013	0.002	0.004	0.001	0.004A	---	---	28
29	---		0.0018	0.008	0.008	0.013	0.003	0.004	0.001	0.004E	---	---	29
30	---		0.0028		0.008	0.012	0.002	0.003	0	0.003E	---	---	30
31	---		0.0058		0.008		0.003	0.002		0.003E	---	---	31
TOTAL	---	---	0.013	0.608	0.287	1.537	0.084	1.403	0.080	0.074	---	---	TOTAL
MEAN	---	---	0	0.180	0.0)	0.085	0.003	0.045	0.003	0.002	---	---	MEAN
MAX	---	---	0.005	0.620	0.0..8	0.214	0.011	0.152	0.005	0.010	---	---	MAX
MIN	---	---	0	0.003	0.004	0.012	0	0.003	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.620B ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.631B AT 15:00 MST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 50 N
LONG 115 48 48 W
DRAINAGE AREA, 63.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8.12
FEB	---	AUG	121
MAR	1.13	SEP	4.32
APR	487	OCT	8.38
MAY	23.1	NOV	---
JUN	141	DEC	---

TOTAL DISCHARGE, 773 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

ELKWATER LAKE AT ELKWATER - STATION NO. 05AH025

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1226.393	1226.344	1226.230	1226.184	1226.208	1226.187	1226.820	---	1
2	---	---	---	---	1226.384	1226.338	1226.224	1226.171	1226.204	1226.180	1226.820	---	2
3	---	---	1226.088A	---	1226.390	1226.333	1226.214	1226.188	1226.198	1226.183	1226.821	---	3
4	---	---	---	---	1226.386	1226.332	1226.207	1226.183	1226.195	1226.147	1226.824A	---	4
5	---	---	---	---	1226.387	1226.332	1226.201	1226.188	1226.192	1226.142	---	---	5
6	---	---	---	---	1226.385	1226.330	1226.197	1226.185	1226.181	1226.133	---	---	6
7	---	---	---	---	1226.385	1226.327	1226.194	1226.183	1226.180	1226.104	---	---	7
8	---	---	---	---	1226.383	1226.323	1226.190	1226.181	1226.188	1226.078	---	---	8
9	---	---	---	---	1226.380	1226.320	1226.184	1226.147	1226.188	1226.047	---	---	9
10	---	---	---	---	1226.376	1226.317	1226.187	1226.143	1226.185	1226.019	---	---	10
11	---	---	---	---	1226.371	1226.310	1226.188	1226.136	1226.184	1226.992	---	---	11
12	---	---	---	---	1226.386	1226.308	1226.183	1226.134	1226.182	1225.986	---	---	12
13	---	---	---	---	1226.390	1226.298	1226.181	1226.130	1226.180	1225.940	---	---	13
14	---	---	---	---	1226.387	1226.292	1226.178	1226.143	1226.180	1225.918	---	---	14
15	---	---	---	---	1226.383	1226.287	1226.178	1226.187	1226.178	1225.920	---	---	15
16	---	---	---	---	1226.381	1226.281	1226.171	1226.181	1226.178	1226.921	---	---	16
17	---	---	---	---	1226.348	1226.278	1226.188	1226.188	1226.173	1226.923	---	---	17
18	---	---	---	---	1226.345	1226.272	1226.189	1226.170	1226.188	1226.923	---	---	18
19	---	---	---	---	1226.341	1226.272	1226.174	1226.188	1226.188	1226.922	---	---	19
20	---	---	---	---	1226.338	1226.273	1226.174	1226.188	1226.184	1226.921	---	---	20
21	---	---	---	---	1226.331	1226.268	1226.172	1226.181	1226.183	1226.918	---	---	21
22	---	---	---	---	1226.326	1226.260	1226.177	1226.189	1226.182	1226.918	---	---	22
23	---	---	---	---	1226.327	1226.262	1226.177	1226.186	1226.181	1226.918	---	---	23
24	---	---	---	---	1226.332	1226.248	1226.171	1226.188	1226.187	1226.914	---	---	24
25	---	---	1226.226A	---	1226.341	1226.242	1226.171	1226.213	1226.183	1226.914	---	---	25
26	---	---	---	---	1226.348	1226.239	1226.177	1226.218	1226.184	1226.916	---	---	26
27	1226.048A	---	---	---	1226.358	1226.238	1226.180	1226.215	1226.170	1226.916	---	---	27
28	---	---	---	1226.388A	1226.360	1226.238	1226.177	1226.214	1226.171	1226.916	---	---	28
29	---		---	1226.389	1226.357	1226.238	1226.187	1226.214	1226.170	1226.917	---	---	29
30	---		---	1226.381	1226.363	1226.232	1226.205	1226.214	1226.170	1226.918	---	---	30
31	---		---		1226.350		1226.200	1226.213		1226.918		---	31
MEAN	---	---	---	---	1226.360	1226.287	1226.187	1226.171	1226.177	1225.986	---	---	MEAN
MAX	---	---	---	---	1226.394	1226.344	1226.230	1226.218	1226.208	1226.187	---	---	MAX
MIN	---	---	---	---	1226.337	1226.232	1226.168	1226.130	1226.153	1225.914	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 44 N
LONG 110 17 10 W

A - MANUAL GAUGE

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 29.0 km²

EMBARRAS RIVER AT ROSS - STATION NO. 07AF803

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.807	0.611	0.333	23.5	1.13	0.810	---	---	1
2	---	---	---	---	0.695	0.838	0.269	27.7	1.17	0.884	---	---	2
3	---	---	---	---	0.520	0.502	0.277	10.6	1.28	0.580	---	---	3
4	---	---	---	---	0.495	0.484	0.818	7.58	1.13	0.837	---	---	4
5	---	---	---	---	0.469	0.456	0.748	5.78	1.04	0.820	---	---	5
6	---	---	---	---	0.471	0.481	0.827	5.23	0.983	0.690	---	---	6
7	---	---	---	---	0.490	0.414	0.718	4.28	0.904	0.588	---	---	7
8	---	---	---	---	0.443	0.388	0.858	3.67	0.878	0.550	---	---	8
9	---	---	---	---	0.458	0.370	1.61	3.38	0.877	0.5018	---	---	9
10	---	---	---	---	0.484	0.382	1.55	4.28	0.843	0.5008	---	---	10
11	---	---	---	---	0.488	0.350	0.978	4.24	0.788	0.5908	---	---	11
12	---	---	---	---	0.480	0.328	0.729	4.01	0.785	0.5808	---	---	12
13	---	---	---	---	0.594	0.302	0.587	3.89	0.861	0.5808	---	---	13
14	---	---	---	---	0.585	0.284	0.488	3.24	0.878	0.5608	---	---	14
15	---	---	---	---	0.512	0.270	0.402	2.70	1.20	0.5408	---	---	15
16	---	---	---	---	0.487	0.518	0.401	2.45	0.950	0.5308	---	---	16
17	---	---	---	---	0.451	0.648	0.687	2.56	0.838	0.5208	---	---	17
18	---	---	---	---	0.445	0.458	0.951	2.52	0.777	0.5108	---	---	18
19	---	---	---	---	0.530	0.445	0.617	2.66	0.723	0.5108	---	---	19
20	---	---	---	---	0.564	0.449	0.582	2.36	0.685	0.5008	---	---	20
21	---	---	---	---	0.817	0.408	0.638	2.10	0.682	0.5008	---	---	21
22	---	---	---	---	1.23	0.373	0.637	1.89	0.643	0.5008	---	---	22
23	---	---	---	0.3208	1.42	0.377	0.543	1.71	0.634	0.5008	---	---	23
24	---	---	---	0.3308	1.20	0.384	0.438	1.67	0.624	0.5008	---	---	24
25	---	---	---	0.3808	0.947	0.327	0.469	1.53	0.607	0.5008	---	---	25
26	---	---	---	0.3808	0.813	0.284	0.516	1.38	0.617	0.4908	---	---	26
27	---	---	---	0.4108	0.736	0.334	0.404	1.31	0.613	0.4908	---	---	27
28	---	---	---	0.4408	0.713	0.366	0.365	1.42	0.711	0.4908	---	---	28
29	---		---	0.4808	0.827	0.321	0.512	1.60	0.671	0.4908	---	---	29
30	---		---	0.549	0.804	0.361	1.08	1.38	0.837	0.4908	---	---	30
31	---		---		0.711		3.02	1.26		0.4908		---	31
TOTAL	---	---	---	---	30.688	13.110	22.316	149.30	25.512	16.670	---	---	TOTAL
MEAN	---	---	---	---	0.957	0.404	0.720	4.68	0.850	0.538	---	---	MEAN
MAX	---	---	---	---	1.42	0.848	3.02	27.7	1.28	0.837	---	---	MAX
MIN	---	---	---	---	0.443	0.370	0.277	1.26	0.607	0.490	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 27.7 ON AUG 3
MINIMUM DAILY, 0.270 ON JUN 15
MAXIMUM INSTANTANEOUS,
55.9 AT 23:48 MST ON AUG 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 19 N
LONG 115 58 04 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 930
FEB	---	AUG	13 800
MAR	---	SEP	3 300
APR	---	OCT	1 440
MAY	1 780	NOV	---
JUN	1 080	DEC	---

TOTAL DISCHARGE, 30 800 dam³

EMBARRAS RIVER BELOW DIVERGENCE - STATION NO. 07DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	85.0A	83.8	34.8	88.5	15.3	4.18	---	1
2	---	---	---	---	---	80.7	81.8	28.1	83.4	15.1	4.43	---	2
3	---	---	---	---	---	85.2	88.8	27.2	80.2	14.8	4.17	---	3
4	---	---	---	---	---	76.8	84.2	31.1	47.3	14.3	3.73	---	4
5	---	---	---	---	---	84.8	85.1	31.4	48.2	14.1	---	---	5
6	---	---	---	---	---								6
7	---	---	---	---	---	118	71.0	30.8					7
8	---	---	---	---	---	124	72.2	34.8	48.5	13.8	---	---	8
9	---	---	---	---	---	128	86.3	225	48.1	14.4	---	---	9
10	---	---	---	---	---	127	88.7A	383	42.9	13.8	---	---	10
11	---	---	---	---	---	118	88.8E	297	41.3	12.8	---	---	11
12	---	---	---	---	---				42.7	12.7	---	---	12
13	---	---	---	---	---	115	88.3E	282	46.8	12.0	---	---	13
14	---	---	---	---	---	116	88.2E	238	45.5	11.1	---	---	14
15	---	---	---	---	---	117	88.0E	216	42.0	10.4	---	---	15
16	---	---	---	---	---	134	86.8E	188	39.1	11.1	---	---	16
17	---	---	---	---	---	163	85.8A	180	38.8	11.8	---	---	17
18	---	---	---	---	---	150	70.9	145					18
19	---	---	---	---	---	139	86.2	139	34.4	11.1	---	---	19
20	---	---	---	---	---	138	83.0	138	31.6	10.3	---	---	20
21	---	---	---	---	---	126	88.7	131	29.3	9.85	---	---	21
22	---	---	---	---	---	126	84.3	118	27.6	9.18	---	---	22
23	---	---	---	---	---	182	48.8	108	27.8	8.98	---	---	23
24	---	---	---	---	---	187	47.0	99.8	27.4	8.30	---	---	24
25	---	---	---	---	---	149	48.2	88.2	27.6	7.28	---	---	25
26	---	---	---	---	---	132	46.0	76.8A	26.1	7.01	---	---	26
27	---	---	---	---	---	127	41.6	87.8A	27.3	8.47	---	---	27
28	---	---	---	---	---	110	38.3	88.8	24.7	8.88	---	---	28
29	---	---	---	---	71.2A	103	33.0	87.8	25.4	8.28	---	---	29
30	---		---	---	---	87.8	28.0	88.8	22.7	8.14	---	---	30
31	---		---	---	---	102	25.8	73.3	19.8	4.88	---	---	31
TOTAL	---	---	---	---	---	88.3	25.0	88.8	18.4	4.80	---	---	TOTAL
MEAN	---	---	---	---	---	3 834.7	24.2	82.7	18.8	4.89	---	---	MEAN
MAX	---	---	---	---	---	117	1 760.8	3 888.8	1 074.1	4.28	---	---	MAX
MIN	---	---	---	---	---	187	86.8	118	35.8	310.02	---	---	MIN
						80.7	83.8	383	88.8	10.0	---	---	
							24.2	24.8	18.8	15.3	---	---	
										4.28	---	---	

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 383 ON AUG 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 30 N
LONG 111 33 08 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	191 000
FEB	---	AUG	315 000
MAR	---	SEP	82 600
APR	---	OCT	28 600
MAY	---	NOV	---
JUN	305 000	DEC	---

EMBARRAS RIVER BREAKTHROUGH TO MAMAWI LAKE - STATION NO. 07KF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	40.3	84.3	23.8E	37.4	13.0	4.81	---	1
2	---	---	---	---	---	38.1	48.8	25.8E	38.3	11.0	---	---	2
3	---	---	---	---	---	41.1	47.0	28.7E	33.8	10.7	---	---	3
4	---	---	---	---	---	45.5	42.8	28.8E	32.2	10.3	---	---	4
5	---	---	---	---	---	84.8	40.8	28.8E	30.8	10.3	---	---	5
6	---	---	---	---	---	84.3	40.1	26.8E	30.2	10.7	---	---	6
7	---	---	---	---	---	88.4	38.8	27.1E	28.8	10.7	---	---	7
8	---	---	---	---	---	85.0	38.8	113 E	28.8	10.8	---	---	8
9	---	---	---	---	---	88.8	38.3	188 E	27.4	10.8	---	---	9
10	---	---	---	---	---	70.0	37.1	138 E	28.8	10.8	---	---	10
11	---	---	---	---	---	85.8	37.2	121 E	28.1	10.1	---	---	11
12	---	---	---	---	---	84.0	37.1	113	27.8	9.84	---	---	12
13	---	---	---	---	---	82.7	37.1	108	27.4	9.30	---	---	13
14	---	---	---	---	---	71.4	38.8	87.2	28.8	8.87	---	---	14
15	---	---	---	---	---	78.8	38.8	87.1	23.7	9.19	---	---	15
16	---	---	---	---	---	71.0	37.0	80.4	22.8	9.28	---	---	16
17	---	---	---	---	---	88.8	38.0	78.8	21.8	9.21	---	---	17
18	---	---	---	---	---	73.8	33.8	73.8	18.8	9.23	---	---	18
19	---	---	---	---	---	78.8	33.4	72.7	18.3	9.08	---	---	19
20	---	---	---	---	80.2A	72.7	33.8	87.3	18.8	8.18	---	---	20
21	---	---	---	---	---	80.0	82.4A	30.7	81.8	17.8	7.88	---	21
22	---	---	---	---	---	80.2	84.8E	29.1	87.8	17.8	7.84	---	22
23	---	---	---	---	---	48.2	80.8E	28.7	82.8	18.4	8.38	---	23
24	---	---	---	---	---	48.0	73.4E	28.7	49.3	18.4	8.71	---	24
25	---	---	---	---	---	43.8	71.1E	28.3	48.0	18.2	8.81	---	25
26	---	---	---	---	---	42.8	83.4E	28.8	43.8	17.1	8.80	---	26
27	---	---	---	---	---	42.8	80.3E	28.4	43.4	18.2	8.18	---	27
28	---	---	---	---	---	42.8	87.8E	28.0	41.7	13.8	8.83	---	28
29	---	---	---	---	---	41.8	87.8A	23.8	43.1	13.8	8.84	---	29
30	---	---	---	---	---	40.2	87.8	23.1	41.7	13.0	8.88	---	30
31	---	---	---	---	---	40.0		23.8	40.1		8.88	---	31
TOTAL	---	---	---	---	---		1 882.8	1 880.1	2 813.7	708.8	383.13	---	TOTAL
MEAN	---	---	---	---	---		88.1	34.8	88.8	23.8	8.48	---	MEAN
MAX	---	---	---	---	---		84.8	84.3	188	37.4	13.0	---	MAX
MIN	---	---	---	---	---		38.1	33.1	23.8	12.0	4.88	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 188E ON AUG 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 00 N
LONG 111 28 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	83 300
FEB	---	AUG	174 000
MAR	---	SEP	81 200
APR	---	OCT	22 700
MAY	---	NOV	---
JUN	188 000	DEC	---

EMBARRAS RIVER NEAR WEALD - STATION NO. 07AF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.700B	1.11B	2.04	2.48	0.882	24.2	4.51	2.14	---	---	1
2	---	---	0.760B	1.23B	2.07	2.21	0.815	113	4.27	2.06	---	---	2
3	---	---	0.788B	1.48B	1.98	1.98	0.855	58.4	4.39	1.98	---	---	3
4	---	---	0.815B	1.80B	1.88	1.83	1.04	35.3	4.21	2.04	---	---	4
5	---	---	0.944B	1.80B	1.76	1.78	1.71	32.8	3.83	2.15	---	---	5
6	---	---	1.05 B	1.88B	1.77	1.89	1.89	26.4	3.61	2.05	---	---	6
7	---	---	1.11 B	2.00B	1.67	1.62	1.38	19.7	3.23	2.00	---	---	7
8	---	---	1.06 B	1.88B	1.62	1.61	1.40	15.2	3.08	1.99	---	---	8
9	---	---	0.988B	1.68B	1.58	1.41	1.74	13.8	2.99	1.95	---	---	9
10	---	---	0.877B	1.68B	1.58	1.40	2.85	14.1	2.98	1.89	---	---	10
11	---	---	0.810B	1.78B	1.84	1.40	2.88	14.8	2.85	1.81	---	---	11
12	---	---	0.782B	1.70B	1.70	1.34	1.97	14.2	2.88	1.81	---	---	12
13	---	---	0.788B	1.68B	1.68	1.24	1.85	14.1	2.86	1.86	---	---	13
14	---	---	0.790B	1.60B	2.19	1.15	1.45	12.2	2.84	1.78	---	---	14
15	---	---	0.808B	1.68B	2.11	1.10	1.24	10.8	3.61	1.77	---	---	15
16	---	---	0.797B	1.84B	1.88	1.23	1.28	9.28	3.63	1.74	---	---	16
17	---	---	0.817B	1.47B	1.88	1.80	1.32	8.88	3.28	1.78	---	---	17
18	---	---	0.883B	1.40B	1.62	1.83	1.81	8.54	2.97	1.75	---	---	18
19	---	---	0.875B	1.33B	2.33	1.86	1.78	9.09	2.78	1.71	---	---	19
20	---	---	0.844B	1.34B	3.00	1.33	1.72	8.81	2.82	1.84	---	---	20
21	---	---	0.820B	1.35B	4.21	1.26	1.81	7.91	2.80	1.77	---	---	21
22	---	---	0.787B	1.68B	5.45	1.16	1.62	7.22	2.38	1.78	---	---	22
23	---	---	0.757B	1.80	5.67	1.08	1.86	8.22	2.30	1.70B	---	---	23
24	---	---	0.850B	1.82	5.28	1.01	1.46	6.82	2.33	1.75B	---	---	24
25	---	---	0.944B	1.67	4.46	0.987	1.46	6.28	2.20	1.80B	---	---	25
26	---	---	0.874B	1.78	3.73	0.930	1.57	4.84	2.28	1.85B	---	---	26
27	---	---	0.762B	1.71	3.18	0.944	1.82	4.60	2.88	1.84B	---	---	27
28	---	---	0.862B	1.78	2.82	1.09	1.85	4.43	2.82	2.00B	---	---	28
29	---		0.812B	1.84	3.07	1.06	1.73	5.43	2.33	1.80B	---	---	29
30	---		0.902B	1.94	3.24	1.00	2.62	6.89	2.31	1.80B	---	---	30
31	---		1.04 B		2.83		6.04	6.89		1.75B		---	31
TOTAL	---	---	26.80B	48.98	82.42	42.541	53.732	524.98	80.78	56.38	---	---	TOTAL
MEAN	---	---	0.85B	1.87	2.88	1.42	1.73	18.9	3.03	1.88	---	---	MEAN
MAX	---	---	1.11	2.00	5.67	2.48	6.04	113	4.51	2.15	---	---	MAX
MIN	---	---	0.88B	1.11	1.88	0.930	0.855	4.43	2.20	1.70	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 113 ON AUG 2
MINIMUM DAILY, 0.855 ON MAR 26
MAXIMUM INSTANTANEOUS,
145 AT 12:45 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 21 N
LONG 118 48 20 W
DRAINAGE AREA, 847 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 550
FEB	---	AUG	45 400
MAR	2 300	SEP	7 540
APR	4 320	OCT	5 040
MAY	7 120	NOV	---
JUN	3 680	DEC	---

TOTAL DISCHARGE, 80 300 dam³

SMITH RIVER BELOW HANLAN CREEK - STATION NO. 07AF907

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	4.30B	2.84	2.89	1.17	15.3	3.28	1.80	---	---	1
2	---	---	---	4.40B	2.91	2.36	1.06	62.3	3.11	1.43	---	---	2
3	---	---	---	4.50B	2.85	2.03	0.926	29.8	3.31	1.48	---	---	3
4	---	---	---	4.80B	2.83	1.83	1.31	20.5	3.15	1.47	---	---	4
5	---	---	---	4.80B	2.40	1.70	3.38	22.4	2.88	1.55	---	---	5
6	---	---	---	4.65B	2.30	1.80	3.21	18.2	2.80	1.48	---	---	6
7	---	---	---	4.60B	2.14	1.78	3.09	13.3	2.64	1.42	---	---	7
8	---	---	---	4.45B	2.01	1.80	5.50	10.5	2.34	1.37	---	---	8
9	---	---	---	4.31B	1.85	1.48	8.18	9.13	2.28	1.33	---	---	9
10	---	---	---	4.15	1.89	1.47	9.41	11.8	2.21	1.28	---	---	10
11	---	---	---	4.06	1.97	1.47	7.23	13.0	2.09	1.26	---	---	11
12	---	---	---	3.77	1.96	1.43	5.17	12.7	1.97	1.26	---	---	12
13	---	---	---	3.02	2.56	1.28	4.49	13.1	1.91	1.22	---	---	13
14	---	---	---	3.18	3.13	1.20	3.85	11.1	2.00	1.19	---	---	14
15	---	---	---	3.20	2.79	1.16	3.89	9.00	2.18	1.18	---	---	15
16	---	---	---	3.01	2.44	1.83	2.38	7.38	2.82	1.17	---	---	16
17	---	---	---	2.80	2.26	3.84	2.47	6.84	2.27	1.18	---	---	17
18	---	---	---	2.83	2.17	3.24	3.04	6.87	2.00	1.10	---	---	18
19	---	---	---	3.02	2.87	2.39	3.37	6.28	1.84	1.03	---	---	19
20	---	---	---	2.44	3.81	1.86	2.89	7.84	1.74	1.08	---	---	20
21	---	---	---	2.32	5.14	1.78	2.39	6.83	1.88	1.21	---	---	21
22	---	---	---	2.48	7.38	1.85	2.19	5.86	1.81	0.984	---	---	22
23	---	---	---	2.84	7.90	1.33	1.91	5.10	1.63	1.18	---	---	23
24	---	---	---	2.81	7.24	1.16	1.61	4.81	1.19	1.77	---	---	24
25	---	---	---	2.84	5.98	1.03	1.32	5.00	1.49	1.30	---	---	25
26	---	---	---	2.38	4.78	0.984	1.40	4.38	1.59	1.79	---	---	26
27	---	---	---	2.33	3.97	1.03	1.43	3.83	2.08	1.28	---	---	27
28	---	---	---	2.44	3.47	1.84	1.24	3.73	2.00	1.24	---	---	28
29	---		---	2.55	3.86	1.49	1.09	4.17	1.71	1.28	---	---	29
30	---		---	2.78	3.84	1.34	1.58	4.08	1.58	1.25 A	---	---	30
31	---		---		3.07		3.37	3.81		1.23 E		---	31
TOTAL	---	---	---	101.13	106.02	51.234	92.395	359.78	64.97	40.374	---	---	TOTAL
MEAN	---	---	---	3.37	3.42	1.71	2.98	11.6	2.17	1.30	---	---	MEAN
MAX	---	---	---	4.80	7.90	3.84	5.41	62.3	3.31	1.79	---	---	MAX
MIN	---	---	---	2.32	1.85	0.984	0.926	3.81	1.49	0.984	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 62.3 ON AUG 2
MINIMUM DAILY, 0.926 ON JUL 3
MAXIMUM INSTANTANEOUS,
84.7 AT 08:27 MST ON AUG 2

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 08 N
LONG 118 33 55 W
DRAINAGE AREA, 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 580
FEB	---	AUG	31 190
MAR	---	SEP	5 810
APR	8 740	OCT	3 480
MAY	9 180	NOV	---
JUN	4 430	DEC	---

TOTAL DISCHARGE, 81 800 dam³

ETHEL LAKE NEAR COLD LAKE - STATION NO. 05AC004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	541.263E	541.250	541.313	541.324	541.373	541.396	541.341	541.239	541.145	---	1
2	---	---	541.263E	541.249	541.318	541.331	541.380	541.393	541.341	541.236	541.143	---	2
3	---	---	541.263E	541.249	541.315	541.338	541.387	541.386	541.342	541.235	541.144	---	3
4	---	---	541.263A	541.251	541.314	541.340	541.388	541.386	541.339	541.229	541.138A	---	4
5	---	---	541.244	541.262	541.312	541.342	541.391	541.385	541.336	541.232	---	---	5
6	---	---	541.245	541.257	541.310	541.344	541.386	541.383	541.329	541.218	---	---	6
7	---	---	541.244	541.257	541.308	541.348	541.408	541.380	541.322	541.212	---	---	7
8	---	---	541.240	541.270	541.301	541.386	541.408	541.378	541.317	541.204	---	---	8
9	---	---	541.240	541.283	541.294	541.383	541.418	541.378	541.321	541.189	---	---	9
10	---	---	541.242	541.288	541.290	541.370	541.417	541.382	541.318	541.198	---	---	10
11	---	---	541.240	541.289	541.289	541.386	541.413	541.402	541.318	541.194	---	---	11
12	---	---	541.240	541.302	541.288	541.393	541.408	541.398	541.314	541.192	---	---	12
13	---	---	541.240	541.303	541.284	541.386	541.406	541.392	541.310	541.188	---	---	13
14	---	---	541.241	541.308	541.285	541.378	541.412	541.386	541.305	541.181	---	---	14
15	---	---	541.240	541.306	541.280	541.373	541.420	541.383	541.301	541.181	---	---	15
16	---	---	541.242	541.308	541.284	541.374	541.410	541.380	541.297	541.176	---	---	16
17	---	---	541.250	541.306	541.281	541.373	541.408	541.381	541.293	541.171	---	---	17
18	---	---	541.251	541.307	541.282	541.372	541.403	541.374	541.290	541.166	---	---	18
19	---	---	541.251	541.308	541.280	541.380	541.402	541.371	541.289	541.181	---	---	19
20	---	---	541.250	541.307	541.294	541.382	541.402	541.370	541.287	541.187	---	---	20
21	---	---	541.250	541.308	541.300	541.380	541.400	541.370	541.285	541.187	---	---	21
22	---	---	541.259	541.308	541.305	541.377	541.399	541.368	541.281	541.185	---	---	22
23	---	---	541.257	541.312	541.310	541.370	541.395	541.366	541.278	541.182	---	---	23
24	---	---	541.258	541.300	541.313	541.362	541.389	541.363	541.288	541.182	---	---	24
25	---	---	541.258	541.310	541.316	541.387	541.388	541.380	541.286	541.183	---	---	25
26	---	---	541.253	541.315	541.317	541.386	541.385	541.384	541.283	541.181	---	---	26
27	---	---	541.248	541.313	541.315	541.389	541.382	541.369	541.287	541.180	---	---	27
28	---	---	541.243	541.316	541.322	541.387	541.403	541.344	541.253	541.147	---	---	28
29	---		541.245	541.312	541.326	541.387	541.389	541.338	541.249	541.148	---	---	29
30	---		541.251	541.316	541.331	541.374	541.403	541.335	541.248	541.148	---	---	30
31	---		541.248		541.328		541.403	541.339		541.145	---	---	31
MEAN	---	---	541.248	541.292	541.303	541.385	541.401	541.373	541.298	541.181	---	---	MEAN
MAX	---	---	541.280	541.316	541.331	541.393	541.420	541.402	541.342	541.239	---	---	MAX
MIN	---	---	541.240	541.248	541.280	541.324	541.373	541.338	541.248	541.145	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 541.420 ON JUL 15

MAXIMUM INSTANTANEOUS,
541.429 AT 18:01 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 40 N
LONG 110 20 06 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
584 km²

ETZIKOM COULEE NEAR NEMISKAM - STATION NO 05AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.164E	0.008	0.005	0	0.018	0.339	0.445	---	---	1
2	---	---	---	0.164E	0.008	0.002	0	0.018	0.348	0.428	---	---	2
3	---	---	---	0.136	0.008	0	0	0.018	0.331	0.516	---	---	3
4	---	---	---	0.132	0.007	0	0	0.018	0.185	0.480	---	---	4
5	---	---	---	0.138	0.008	0	0	0.018	0.130	0.381	---	---	5
6	---	---	---	0.182	0.003	0	0	0.014	0.128	0.404	---	---	6
7	---	---	---	0.186	0.001	0	0	0.012	0.103	0.407	---	---	7
8	---	---	---	0.245	0	0	0	0.012	0.103	0.338	---	---	8
9	---	---	---	0.188	0	0	0	0.012	0.081	0.348	---	---	9
10	---	---	---	0.085	0	0	0	0.011	0.078	0.482	---	---	10
11	---	---	---	0.077	0	0	0.010	0.011	0.086	0.471	---	---	11
12	---	---	---	0.085	0	0	0.508	0.008	0.086	0.456	---	---	12
13	---	---	---	0.081	0	0	0.240	0.007	0.084	0.420	---	---	13
14	---	---	---	0.150	0	0	0.123	0.016	0.081	0.427	---	---	14
15	---	---	---	0.238	0	0	0.094	0.154	0.048	0.418	---	---	15
16	---	---	---	0.144	0.001	0	0.074	0.843	0.045	0.480	---	---	16
17	---	---	---	0.108	0.001	0	0.058	0.280	0.049	0.487	---	---	17
18	---	---	---	0.048	0	0	0.080	0.128	0.042	0.488	---	---	18
19	---	---	---	0.033	0.001	0	0.083	0.087	0.034	0.486	---	---	19
20	---	---	---	0.023	0.001	0	0.112	0.082	0.024	0.439	---	---	20
21	---	---	---	0.018	0	0	0.080	0.048	0.018	0.436	---	---	21
22	---	---	---	0.018	0	0	0.059	0.041	0.014	0.426	---	---	22
23	---	---	---	0.015	0	0	0.048	0.072	0.011	0.423	---	---	23
24	---	---	---	0.012	0	0	0.042	0.222	0.007	0.410	---	---	24
25	---	---	---	0.008	0	0	0.038	0.404	0.003	0.529	---	---	25
26	---	---	---	0.008	0	0	0.038	0.527	0.003	0.483	---	---	26
27	---	---	---	0.007	0.001	0	0.038	0.855	0.004	0.408	---	---	27
28	---	---	---	0.008	0.004	0	0.034	0.858	0.004	0.463	---	---	28
29	---		---	0.012	0.008	0	0.030	0.481	0.026	0.461	---	---	29
30	---		---	0.012	0.010	0	0.027	0.376	0.349	0.418	---	---	30
31	---		---		0.007		0.023	0.376		0.422	---	---	31
TOTAL	---	---	---	2.582	0.074	0.007	1.820	8.208	2.743	13.948	---	---	TOTAL
MEAN	---	---	---	0.086	0.002	0	0.058	0.188	0.091	0.437	---	---	MEAN
MAX	---	---	---	0.245	0.010	0.005	0.508	0.843	0.348	0.529	---	---	MAX
MIN	---	---	---	0.007	0	0	0	0.007	0.003	0.338	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS APR TO OCT

MEAN, 0.132
MAXIMUM DAILY, 0.843 ON AUG 16
MINIMUM DAILY, 0 ON MAY 6
MAXIMUM INSTANTANEOUS,
0.780 AT 18:55 MST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 40 N
LONG 111 18 00 W
DRAINAGE AREA, 3 040 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	157
FEB	---	AUG	460
MAR	---	SEP	237
APR	232	OCT	1 170
MAY	8.38	NOV	---
JUN	0.80	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 2 350 dam³

EUNICE CREEK NEAR MINTON - STATION NO. 07AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0408	0.040	0.103	0.083	2.08	0.185	0.088	---	---	1
2	---	---	---	0.0368	0.035	0.098	0.086	2.31	0.178	0.084	---	---	2
3	---	---	---	0.0428	0.031	0.091	0.086	1.41	0.188	0.083	---	---	3
4	---	---	---	0.0628	0.030	0.084	0.110	1.06	0.182	0.085	---	---	4
5	---	---	---	0.0568	0.030	0.088	0.088	0.978	0.180	0.084	---	---	5
6	---	---	---	0.0038	0.030	0.084	0.081	0.881	0.143	0.081	---	---	6
7	---	---	---	0.0508	0.029	0.080	0.074	0.522	0.138	0.080	---	---	7
8	---	---	---	0.0378	0.028	0.084	0.074	0.430	0.135	0.088	---	---	8
9	---	---	---	0.0288	0.028	0.100	0.202	0.414	0.133	0.0888	---	---	9
10	---	---	---	0.0288	0.031	0.090	0.187	0.532	0.127	0.0888	---	---	10
11	---	---	---	0.0238	0.031	0.085	0.137	0.414	0.121	0.083	---	---	11
12	---	---	---	0.0198	0.034	0.078	0.108	0.411	0.119	0.083	---	---	12
13	---	---	---	0.0178	0.039	0.072	0.097	0.397	0.135	0.0818	---	---	13
14	---	---	---	0.0228	0.039	0.067	0.088	0.348	0.130	0.081	---	---	14
15	---	---	---	0.0208	0.038	0.088	0.083	0.312	0.125	0.0808	---	---	15
16	---	---	---	0.0188	0.039	0.088	0.088	0.282	0.117	0.078	---	---	16
17	---	---	---	0.0178	0.039	0.105	0.117	0.287	0.113	0.0788	---	---	17
18	---	---	---	0.0168	0.041	0.079	0.118	0.314	0.111	0.0788	---	---	18
19	---	---	---	0.0168	0.084	0.071	0.102	0.303	0.108	0.0738	---	---	19
20	---	---	---	0.0218	0.048	0.071	0.084	0.272	0.105	0.0728	---	---	20
21	---	---	---	0.0188	0.082	0.078	0.123	0.284	0.101	0.088	---	---	21
22	---	---	---	0.0188	0.088	0.087	0.104	0.269	0.100	0.0898	---	---	22
23	---	---	---	0.0188	0.188	0.084	0.089	0.228	0.098	0.0828	---	---	23
24	---	---	---	0.0178	0.185	0.080	0.078	0.211	0.098	0.0848	---	---	24
25	---	---	---	0.0198	0.171	0.088	0.078	0.200	0.098	0.0478	---	---	25
26	---	---	---	0.0208	0.184	0.088	0.073	0.188	0.127	0.0448	---	---	26
27	---	---	---	0.028E	0.140	0.081	0.087	0.180	0.118	0.0488	---	---	27
28	---	---	---	0.038E	0.132	0.070	0.084	0.168	0.107	0.0618	---	---	28
29	---		---	0.041A	0.128	0.080	0.083	0.158	0.103	0.0888	---	---	29
30	---		---	0.044	0.118	0.072	0.084	0.177	0.098	0.0858	---	---	30
31	---		---		0.111		0.140	0.158		0.0848		---	31
TOTAL	---	---	---	0.875	3.170	2.338	2.884	18.038	3.743	2.348	---	---	TOTAL
MEAN	---	---	---	0.028	0.070	0.078	0.088	0.817	0.125	0.078	---	---	MEAN
MAX	---	---	---	0.063	0.188	0.105	0.203	2.31	0.188	0.098	---	---	MAX
MIN	---	---	---	0.018	0.028	0.068	0.068	0.158	0.098	0.044	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.142
MAXIMUM DAILY, 2.31 ON AUG 2
MINIMUM DAILY, 0.0168 ON APR 18
MAXIMUM INSTANTANEOUS,
5.38 AT 18:15 MST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 10 N
LONG 117 13 55 W
DRAINAGE AREA, 17.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	258
FEB	---	AUG	1 380
MAR	---	SEP	323
APR	78.8	OCT	203
MAY	187	NOV	---
JUN	202	DEC	---

TOTAL DISCHARGE, 2 640 dam³

EUREKA RIVER NEAR WORSLEY - STATION NO. 07FD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.339	0.516	0.001	0.452	0.975	0.001	---	---	1
2	---	---	0B	0.0028 B	0.522	1.87	0.001	0.838	0.833	0.001	---	---	2
3	---	---	0B	0.2618 B	0.736	2.55	0.001	1.87	0.742	0.002	---	---	3
4	---	---	0B	0.3388 B	0.635	3.00	0.001	2.80 A	0.436	0.002	---	---	4
5	---	---	0B	0.5008 B	0.817	2.82	0	2.80 E	0.250	0.002	---	---	5
6	---	---	0B	1.64 B	0.881	2.56	0	2.35 E	0.138	0.001	---	---	6
7	---	---	0B	4.41 B	0.852	2.13	0.001	1.95 E	0.085	0.001	---	---	7
8	---	---	0B	5.56 B	0.436	1.78	0.003	1.78 E	0.037	0	---	---	8
9	---	---	0B	5.34 B	0.277	1.55	0.002	1.80 E	0.018	0	---	---	9
10	---	---	0B	7.50 B	1.08	1.30	0	1.80 E	0.017	0	---	---	10
11	---	---	0B	13.5 B	0.433	1.08	0	1.80 E	0.010	0.001	---	---	11
12	---	---	0B	26.2 E	0.308	0.848	0	2.00 E	0.008	0.003	---	---	12
13	---	---	0B	28.8 A	0.332	0.650	0	2.20 E	0.007	0.002	---	---	13
14	---	---	0B	20.8	0.282	0.494	0	1.80 E	0.006	0.002	---	---	14
15	---	---	0B	14.8	0.204	0.338	0	1.85 E	0.006	0.002	---	---	15
16	---	---	0B	9.82	0.297	0.173	0	1.35 E	0.004	0.001	---	---	16
17	---	---	0B	6.53	0.390	0.167	0	1.20 E	0.007	0.002	---	---	17
18	---	---	0B	4.48	0.470	0.387	0	1.15 A	0.007	0.001	---	---	18
19	---	---	0B	3.24	0.381	0.580	0	1.27	0.008	0.001	---	---	19
20	---	---	0B	2.45	0.281	0.114	0	1.47	0.006	0.002	---	---	20
21	---	---	0B	1.90	0.204	0.015	0	1.30	0.003	0.004	---	---	21
22	---	---	0B	1.54	0.158	0.004	0	1.07	0.003	0.003	---	---	22
23	---	---	0B	1.29	0.085	0.003	0.003	0.913	0.003	0.003	---	---	23
24	---	---	0B	1.13	0.040	0.001	0.002	0.687	0.003	0.003	---	---	24
25	---	0B	0B	0.987	0.050	0.001	0.001	0.448	0.004	0.003	---	---	25
26	---	0B	0B	0.848	0.024	0.002	0.001	0.373	0.003	0.001	---	---	26
27	---	0B	0B	0.734	0.012	0.001	0	0.224	0	0.002A	---	---	27
28	---	0B	0B	0.636	0.011	0	0.001	0.212	0.001	0.001E	---	---	28
29	---		0B	0.278	0.012	0	0.001	0.178	0.001	0.001E	---	---	29
30	---		0B	0.245	0.026	0.001	0.008	0.737	0.003	0.001E	---	---	30
31	---		0B		0.123		0.480	0.918		0.001E		---	31
TOTAL	---	---	0	164 610	10.398	24 815	0.487	48.348	3.893	0.049	---	---	TOTAL
MEAN	---	---	0	5.48	0.335	0.827	0.016	1.30	0.123	0.002	---	---	MEAN
MAX	---	---	0	28.8	1.08	3.00	0.480	2.80	0.975	0.004	---	---	MAX
MIN	---	---	0	0	0.011	0	0	0.178	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 28.8A ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
29.8 AT 16:30 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 00 N
LONG 119 07 10 W
DRAINAGE AREA, 784 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	42.1
FEB	---	AUG	3 490
MAR	0	SEP	318
APR	14 200	OCT	4.23
MAY	898	NOV	---
JUN	3 140	DEC	---

TOTAL DISCHARGE, 21 100 dam³

EXPANSE COULEE NEAR THE MOUTH - STATION NO. 05AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.348	1.84	2.04	2.32	1.86	1.35	0.084	---	1
2	---	---	---	---	0.333	1.82	2.10	2.38	1.81	1.42	0.085	---	2
3	---	---	---	---	0.326	1.86	1.93	2.32	1.82	1.45	0.088	---	3
4	---	---	---	---	0.334	1.88	1.98	3.00	1.82	1.47	0.088	---	4
5	---	---	---	---	0.333	1.86	2.09	1.98	1.81	1.63	0.085A	---	5
6	---	---	---	---	0.338	1.71	2.09	1.86	1.82	1.31	---	---	6
7	---	---	---	---	0.387	1.68	2.07	1.87	1.98	1.16	---	---	7
8	---	---	---	---	0.384	1.86	1.88	2.06	1.62	0.884	---	---	8
9	---	---	---	---	0.614	1.77	2.07	2.28	1.36	0.884	---	---	9
10	---	---	---	---	0.858	1.84	2.86	2.32	1.32	0.177	---	---	10
11	---	---	---	---	0.885	1.86	2.28	2.28	1.26	0.082	---	---	11
12	---	---	---	---	0.868	1.78	2.16	2.10	1.16	0.083	---	---	12
13	---	---	---	---	0.860	1.83	2.16	2.02	0.981	0.078	---	---	13
14	---	---	---	---	0.883	1.81	2.03	2.23	0.805	0.074	---	---	14
15	---	---	---	---	0.828	1.81	1.86	2.32	0.868	0.078	---	---	15
16	---	---	---	---	0.878	1.89	2.01	2.31	0.729	0.085	---	---	16
17	---	---	---	---	0.815	2.13	2.09	2.38	0.878	0.086	---	---	17
18	---	---	---	---	0.838	2.61	2.27	2.30	0.835	0.073	---	---	18
19	---	---	---	---	0.851	2.17	2.47	2.04	0.718	0.088	---	---	19
20	---	---	---	---	0.884	2.33	2.40	1.80	0.886	0.086	---	---	20
21	---	---	---	---	0.805	2.23	2.23	1.88	0.878	0.088	---	---	21
22	---	---	---	---	0.907	1.87	2.13	1.88	0.844	0.074	---	---	22
23	---	---	---	0.318A	1.53	1.86	3.00	1.90	1.02	0.088	---	---	23
24	---	---	---	0.318	1.80	1.87	1.88	1.84	0.993	0.087	---	---	24
25	---	---	---	0.308	1.80	1.94	1.96	1.76	0.857	0.090	---	---	25
26	---	---	---	0.308	1.81	1.94	1.91	1.76	0.920	0.088	---	---	26
27	---	---	---	0.315	1.87	1.92	1.89	1.86	1.18	0.087	---	---	27
28	---	---	---	0.318	1.78	1.83	1.84	1.70	1.16	0.086	---	---	28
29	---		---	0.323	1.73	1.84	2.04	1.86	1.11	0.088	---	---	29
30	---		---	0.337	1.80	1.93	2.24	1.84	1.09	0.080	---	---	30
31	---		---		1.88		2.36	1.82		0.088		---	31
TOTAL	---	---	---	---	28.808	55.70	66.36	62.46	33.930	12.857	---	---	TOTAL
MEAN	---	---	---	---	0.929	1.88	2.11	2.02	1.13	0.415	---	---	MEAN
MAX	---	---	---	---	1.78	2.61	2.86	2.38	1.86	1.63	---	---	MAX
MIN	---	---	---	---	0.325	1.84	1.88	1.84	0.835	0.080	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.41
MAXIMUM DAILY, 2.86 ON JUL 10
MINIMUM DAILY, 0.080 ON OCT 25

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 18 N
LONG 112 05 00 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 880
FEB	---	AUG	5 400
MAR	---	SEP	2 830
APR	---	OCT	1 110
MAY	2 480	NOV	---
JUN	4 800	DEC	---

TOTAL DISCHARGE, 22 800 dam³

FALLENTIMBER CREEK NEAR SUNDRE - STATION NO. 05CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.328	2.01	0.843	0.739	2.90	2.16	1.39	---	---	1
2	---	---	---	1.078	2.56	0.818	0.884	2.66	2.11	1.33	---	---	2
3	---	---	---	1.458	2.38	0.785	0.709	2.37	2.80	1.35	---	---	3
4	---	---	---	2.418	1.85	0.721	1.22	2.11	3.67	1.34	---	---	4
5	---	---	---	2.868	1.71	0.678	1.81	2.22	2.85	1.47	---	---	5
6	---	---	---	2.488	1.58	0.677	2.23	2.43	2.62	1.09	---	---	6
7	---	---	---	2.788	1.48	0.676	2.24	2.43	3.62	1.04	---	---	7
8	---	---	---	2.458	1.41	0.682	2.81	2.12	3.20	0.987	---	---	8
9	---	---	---	2.088	1.34	0.852	2.38	1.86	2.76	0.903	---	---	9
10	---	---	---	1.978	1.28	0.868	2.24	2.40	2.50	0.817	---	---	10
11	---	---	---	2.068	1.25	0.831	2.23	4.24	2.40	0.877	---	---	11
12	---	---	---	2.058	1.25	0.811	2.02	4.88	2.15	0.817	---	---	12
13	---	---	---	2.078	1.27	0.884	1.87	4.81	2.07	0.907	---	---	13
14	---	---	---	2.138	1.29	0.868	1.70	5.88	2.02	0.888	---	---	14
15	---	---	---	2.228	1.16	0.856	1.86	8.73	1.97	0.913	---	---	15
16	---	---	---	2.328	1.12	0.870	1.80	8.48	1.88	0.917	---	---	16
17	---	---	---	2.488	1.10	1.11	1.84	8.47	1.78	0.948	---	---	17
18	---	---	---	2.888	1.12	1.35	1.86	8.88	1.78	0.972	---	---	18
19	---	---	---	2.748	1.12	1.20	2.73	8.18	1.73	0.848	---	---	19
20	---	---	---	2.888	1.10	1.11	8.67	4.84	1.84	0.818	---	---	20
21	---	---	---	3.228	1.10	1.07	4.82	4.88	1.48	0.840	---	---	21
22	---	---	---	3.84	1.08	0.873	4.67	4.02	1.43	0.886	---	---	22
23	---	---	---	2.82	1.06	0.801	5.85	3.82	1.37	0.884	---	---	23
24	---	---	---	2.17	1.04	0.838	5.34	3.82	1.33	0.832	---	---	24
25	---	---	---	1.83	1.02	0.741	4.78	3.73	1.37	0.803	---	---	25
26	---	---	---	1.56	0.971	0.887	4.88	3.78	1.83	1.04	---	---	26
27	---	---	---	1.48	0.843	0.870	4.40	3.22	1.78	0.988	---	---	27
28	---	---	---	1.48	0.893	0.883	3.73	2.67	1.82	0.832	---	---	28
29	---		---	1.85	0.878	0.857	3.18	2.88	1.58	0.838A	---	---	29
30	---		---	1.73	0.858	0.844	2.81	2.89	1.38	0.8308	---	---	30
31	---		---		0.852		2.88	3.41		0.8308		---	31
TOTAL	---	---	---	65.47	40.202	23.818	66.443	116.16	62.77	31.830	---	---	TOTAL
MEAN	---	---	---	2.30	1.30	0.797	2.78	3.78	2.09	1.02	---	---	MEAN
MAX	---	---	---	3.84	2.56	1.35	5.85	6.73	3.62	1.47	---	---	MAX
MIN	---	---	---	1.07	0.852	0.658	0.884	1.86	1.23	0.832	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.89
MAXIMUM DAILY, 8.73 ON AUG 18
MINIMUM DAILY, 0.658 ON JUN 15
MAXIMUM INSTANTANEOUS,
8.98 AT 16:43 MST ON AUG 18

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 10 N
LONG 114 38 20 W
DRAINAGE AREA, 499 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 470
FEB	---	AUG	10 000
MAR	---	SEP	8 420
APR	6 890	OCT	2 720
MAY	3 470	NOV	---
JUN	2 070	DEC	---

TOTAL DISCHARGE, 38 600 dam³

PAWCETT LAKE NEAR SMITH - STATION NO. 07BK005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	611.378	611.386	611.595	611.557A	611.492	611.406	611.470	611.365	---	---	1
2	---	---	611.378	611.355	611.600	611.553	611.491	611.406	611.473	611.365	---	---	2
3	---	---	611.374A	611.360	611.600	611.550	611.487	611.401	611.476	611.365	---	---	3
4	---	---	611.377E	611.360	611.603	611.577	611.481	611.403	611.476	611.401	---	---	4
5	---	---	611.380E	611.362	611.600	611.599	611.477	611.411	611.473	611.380	611.361A	---	5
6	---	---	611.382E	611.364	611.605	611.615	611.472	611.416	611.488	611.374	---	---	6
7	---	---	611.385E	611.370	611.603	611.617	611.484	611.418	611.452	611.381	---	---	7
8	---	---	611.388A	611.376	611.604	611.623	611.481	611.427	611.441	611.378	---	---	8
9	---	---	611.385	611.384	611.597	611.626	611.483	611.430	611.428	611.388	---	---	9
10	---	---	611.387	611.383	611.591	611.638	611.443	611.444	611.431	611.372	---	---	10
11	---	---	611.389	611.405	611.581	611.637	611.435	611.444	611.428	611.372	---	---	11
12	---	---	611.393	611.420	611.587	611.638	611.439	611.450	611.423	611.371A	---	---	12
13	---	---	611.395	611.433	611.573	611.634A	611.446	611.457	611.426	---	---	---	13
14	---	---	611.396A	611.445	611.587	611.627	611.445E	611.469	611.417	---	---	---	14
15	---	---	611.395E	611.457	611.580	611.618	611.442E	611.472	611.420	---	---	---	15
16	---	---	611.395E	611.467	611.583	611.613	611.440E	611.480	611.422	---	---	---	16
17	---	---	611.394E	611.483	611.550	611.602	611.437E	611.488	611.412	---	---	---	17
18	---	---	611.393E	611.501	611.551	611.598	611.434E	611.489	611.408	---	---	---	18
19	---	---	611.392E	611.518	611.549	611.591	611.431E	611.488	611.405	---	---	---	19
20	---	---	611.392E	611.529	611.544	611.583	611.428E	611.490	611.403	---	---	---	20
21	---	---	611.391E	611.542	611.543	611.576	611.426E	611.493	611.402	---	---	---	21
22	---	---	611.390E	611.552	611.542	611.588	611.423E	611.493	611.400	---	---	---	22
23	---	---	611.389E	611.562	611.544	611.550	611.420A	611.498	611.397	---	---	---	23
24	---	---	611.389E	611.571	611.544	611.537	611.418	611.500	611.392	---	---	---	24
25	---	611.382A	611.388A	611.574	611.545	611.526	611.411	611.499	611.390	---	---	---	25
26	---	611.382	611.387A	611.580	611.545	611.523	611.410	611.498	611.403	---	---	---	26
27	---	611.378	611.378E	611.587	611.544	611.514	611.405	611.498	611.403	---	---	---	27
28	---	611.378	611.372E	611.592	611.539	611.505	611.403	611.495	611.398	---	---	---	28
29	---		611.384A	611.593	611.550	611.491	611.399	611.481	611.387	---	---	---	29
30	---		611.382	611.587	611.545	611.493	611.396	611.475	611.396	---	---	---	30
31	---		611.359		611.548		611.399	611.473		---		---	31
MEAN	---	---	611.385	611.470	611.588	611.580	611.439	611.481	611.425	---	---	---	MEAN
MAX	---	---	611.396	611.587	611.605	611.638	611.492	611.500	611.478	---	---	---	MAX
MIN	---	---	611.359	611.358	611.539	611.491	611.396	611.401	611.387	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 611.638 ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 20 N
LONG 113 51 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA, 1 240 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIREBAG RIVER NEAR THE MOUTH - STATION NO. 07DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.88	11.88	12.18	13.88	115 A	37.3	26.4	17.5	18.6	18.7	24.28	---	1
2	11.88	11.88	12.18	14.08	112 A	48.3	26.5	18.6	19.7	18.1	24.48	---	2
3	11.88	11.88	12.18	14.58	110	60.9	28.1	20.2	20.2	18.2	24.48	---	3
4	11.88	11.88	12.18	14.78	108	67.8	31.2	21.4	20.2	18.0	23.18	---	4
5	11.88	11.88	12.18	15.08	101	68.9	33.3	22.2	20.0	17.8	---	---	5
6	11.88	11.88	12.18	15.78	86.3	68.9	33.4	22.3	19.8	17.7	---	---	6
7	11.88	11.88	12.18	16.38	90.7	68.7	32.3	22.2	19.4	18.3	---	---	7
8	11.88	11.88	12.18	17.08	84.9	67.6	30.6	22.3	19.3	19.6	---	---	8
9	11.88	11.88	12.18	16.08	78.9	64.2	28.6	21.9	19.4	19.4	---	---	9
10	11.88	11.88	12.18	18.88	75.8	60.3	27.2	21.4	19.5	19.7	---	---	10
11	11.88	12.08	12.28	20.08	71.8	56.6	25.7	21.1	19.5	19.8	---	---	11
12	11.88	12.08	12.28	21.08	68.1	52.6	24.2	20.8	19.1	19.9	---	---	12
13	11.88	12.08	12.28	23.08	65.2	48.7	22.8	20.8	19.0	21.3	---	---	13
14	11.88	12.08	12.38	25.08	62.1	45.0	21.8	20.6	19.5	23.2	---	---	14
15	11.88	12.08	12.38	28.08	58.0	41.6	22.1	20.5	19.8	24.6	---	---	15
16	11.88	12.08	12.38	32.08	55.8	38.7	22.8	20.5	21.2	25.4	---	---	16
17	11.88	12.08	12.38	38.08	52.9	36.2	22.7	20.4	21.8	25.1	---	---	17
18	11.88	12.08	12.48	50.08	51.2	34.0	22.8	19.9	22.6	25.8	---	---	18
19	11.88	12.08	12.48	68.08	50.8	31.9	22.2	19.4	22.9	25.8	---	---	19
20	11.88	12.08	12.48	84.08	50.0	29.8	21.8	18.2	22.7	25.8	---	---	20
21	11.88	12.08	12.58	95.0E	48.5	28.5	20.9	18.6	22.2	25.1	---	---	21
22	11.88	12.08	12.58	103 E	46.4	28.4	20.2	18.1	21.5	25.3	---	---	22
23	11.88	12.08	12.68	110 E	44.8	28.3	18.5	17.5	21.1	24.68	---	---	23
24	11.88	12.08	12.88	115 E	43.0	27.8	18.5	17.7	20.8	23.28	---	---	24
25	11.88	12.08	12.78	120 E	41.1	27.7	18.0	18.0	20.5	22.68	---	---	25
26	11.88	12.08	12.78	122 E	39.7	27.5	17.3	17.9	20.2	23.78	---	---	26
27	11.88	12.08	12.88	121 E	38.2	26.8	17.0	17.9	20.1	23.78	---	---	27
28	11.88	12.08	12.88	120 E	36.5	26.5	17.1	18.3	19.7	22.68	---	---	28
29	11.88		13.08	119 E	35.5	26.3	17.7	18.6	19.2	23.58	---	---	29
30	11.88		13.28	117 E	34.3	25.6	18.0	18.8	19.1	23.68	---	---	30
31	11.88		13.58		33.6		17.5	19.3		23.98		---	31
TOTAL	368.9	336.0	385.0	1 668.8	2 000.1	1 304.4	728.0	613.7	609.6	684.0	---	---	TOTAL
MEAN	11.8	12.0	12.4	55.3	64.5	43.5	23.5	19.8	20.3	22.1	---	---	MEAN
MAX	11.9	12.0	13.5	122	115	68.9	33.4	22.3	22.9	25.8	---	---	MAX
MIN	11.8	11.9	12.1	13.8	33.6	25.6	17.0	17.8	18.0	17.7	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.7
MAXIMUM DAILY, 122E ON APR 26
MINIMUM DAILY, 12.1B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 36 30 N
LONG 111 10 30 W
DRAINAGE AREA, 5 890 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 700	JUL	62 550
FEB	28 900	AUG	53 000
MAR	33 300	SEP	52 700
APR	144 000	OCT	59 100
MAY	173 000	NOV	---
JUN	113 000	DEC	---

TOTAL DISCHARGE, 893 000 dam³

FISH CREEK ABOVE LITTLE FISH LAKE - STATION NO. 05CE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.47 B	0.018	0	0	0	0	0.003	0.002	---	1
2	---	---	0 B	2.83 E	0.018	0	0	0	0	0.003	0.003A	---	2
3	---	---	0 B	2.13 A	0.017	0	0	0	0.014	0.003	---	---	3
4	---	---	0 B	0.958	0.018	0	0	0	0.014	0.003	---	---	4
5	---	---	0 B	0.481	0.013	0	0	0	0.007	0.003	---	---	5
6	---	---	0 B	0.218	0.013	0	0	0	0.008	0.003	---	---	6
7	---	---	0 B	0.110	0.013	0	0	0	0.003	0.003	---	---	7
8	---	---	0 B	0.083	0.012	0	0.001	0	0.002	0.003	---	---	8
9	---	---	0 B	0.028	0.010	0	0.001	0	0.002	0.003	---	---	9
10	---	---	0 B	0.018	0.008	0	0	0	0.002	0.003	---	---	10
11	---	---	0 B	0.018	0.011	0	0	0	0.002	0.003	---	---	11
12	---	---	0 B	0.018E	0.009	0	0	0	0.002	0.003	---	---	12
13	---	---	0 B	0.017E	0.010	0	0	0	0.002	0.003	---	---	13
14	---	---	0 B	0.017E	0.008	0	0	0	0.002	0.003	---	---	14
15	---	---	0 B	0.017E	0.003	0	0	0	0.002	0.003	---	---	15
16	---	---	0 B	0.018E	0.004	0	0	0	0.002	0.003	---	---	16
17	---	---	0 B	0.015E	0.014	0	0	0	0.002	0.003	---	---	17
18	---	---	0 B	0.018E	0.013	0	0	0	0.002	0.003	---	---	18
19	---	---	0 B	0.018E	0.014	0	0	0	0.002	0.003	---	---	19
20	---	---	0 B	0.018E	0.013	0	0.003	0	0.002	0.003	---	---	20
21	---	---	0 B	0.018E	0.012	0	0.010	0	0.002	0.002	---	---	21
22	---	---	0 B	0.013E	0.012	0	0.002	0	0.003	0.002	---	---	22
23	---	---	0 B	0.012E	0.012	0	0.001	0	0.003	0.002	---	---	23
24	---	0B	0 B	0.012E	0.007	0	0	0	0.003	0.002	---	---	24
25	---	0B	0.0088	0.011E	0.004	0	0	0	0.003	0.002	---	---	25
26	---	0B	0.075B	0.008E	0.001	0	0	0	0.003	0.002	---	---	26
27	---	0B	0.039B	0.008A	0	0	0	0	0.003	0.002	---	---	27
28	---	0B	0 B	0.008	0	0	0	0	0.003	0.002	---	---	28
29	---		0 B	0.010	0	0	0	0	0.003	0.002	---	---	29
30	---		0.003B	0.011	0	0	0	0	0.003	0.002	---	---	30
31	---		0.100B		0		0	0		0.002	---	---	31
TOTAL	---	---	0.228	10.380	0.278	0	0.018	0	0.088	0.082	---	---	TOTAL
MEAN	---	---	0.007	0.345	0.009	0	0.001	0	0.003	0.003	---	---	MEAN
MAX	---	---	0.100	3.47	0.017	0	0.010	0	0.014	0.003	---	---	MAX
MIN	---	---	0	0.008	0	0	0	0	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 3.47B ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 16 N
LONG 112 12 15 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.58
FEB	---	AUG	0
MAR	19.6	SEP	8.47
APR	895	OCT	7.08
MAY	24.1	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 956 dam³

FISH CREEK NEAR PRIDDIS - STATION NO 05BKD01

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.045B	4.87 B	0.674	0.212	0.082	0.323	0.144	0.117	0.134	---	1
2	---	---	0.047B	3.87 B	0.882	0.188	0.084	0.228	0.134	0.183	0.137	---	2
3	---	---	0.125B	3.16 B	0.818	0.188	0.083	0.203	0.381	0.089	0.144	---	3
4	---	---	0.250B	2.70 B	0.784	0.142	0.078	0.274	0.618	0.088	0.143A	---	4
5	---	---	0.350B	2.09 B	0.888	0.183	0.148	0.213	0.843	0.148	---	---	5
6	---	---	0.468B	1.81 B	0.803	0.130	0.380	0.171	0.532	0.098	---	---	6
7	---	---	0.548B	1.66 B	0.588	0.080	0.466	0.124	0.511	0.085	---	---	7
8	---	---	0.368B	1.38 B	0.528	0.068	0.476	0.087	0.440	0.114	---	---	8
9	---	---	0.325B	1.26 B	0.492	0.084	0.433	0.089	0.363	0.074	---	---	9
10	---	---	0.118B	1.37 B	0.483	0.087	0.858	0.107	0.278	0.113	---	---	10
11	---	---	0.051B	1.17 B	0.427	0.078	0.828	0.288	0.213	0.078	---	---	11
12	---	---	0.068B	1.08 B	0.418	0.084	0.617	0.428	0.177	0.084	---	---	12
13	---	---	0.104B	0.868B	0.458	0.087	0.388	0.468	0.188	0.108	---	---	13
14	---	---	0.173B	0.634B	0.407	0.034	0.308	0.887	0.127	0.083	---	---	14
15	---	---	0.178B	0.818B	0.408	0.026	0.230	1.48	0.108	0.087	---	---	15
16	---	---	0.318B	0.843B	0.428	0.087	0.180	1.31	0.087	0.088	---	---	16
17	---	0.100B	0.301B	0.828B	0.468	0.213	0.181	1.18	0.093	0.108	---	---	17
18	---	0.080B	0.425B	1.03	0.527	0.278	0.381	0.858	0.088	0.131	---	---	18
19	---	0.080B	0.383B	0.893	0.537	0.244	1.88	0.742	0.087	0.135	---	---	19
20	---	0.078B	0.433B	0.870	0.521	0.210	2.85	0.881	0.083	0.140	---	---	20
21	---	0.088B	0.268B	1.22	0.523	0.185	1.78	0.481	0.089	0.139	---	---	21
22	---	0.073B	0.125B	1.26	0.485	0.147	1.31	0.338	0.078	0.158	---	---	22
23	---	0.070B	0.105B	1.10	0.458	0.120	1.07	0.268	0.071	0.143	---	---	23
24	---	0.067B	0.143B	0.880	0.424	0.102	0.838	0.213	0.088	0.137	---	---	24
25	---	0.065B	0.238B	0.885	0.380	0.071	0.888	0.381	0.087	0.174	---	---	25
26	---	0.060B	0.348B	0.788	0.368	0.055	1.88	0.417	0.083	0.155	---	---	26
27	---	0.058B	0.182B	0.781	0.350	0.047	1.42	0.382	0.131	0.143	---	---	27
28	---	0.050B	0.080B	0.732	0.310	0.049	0.882	0.278	0.217	0.183	---	---	28
29	---		0.038B	0.723	0.287	0.087	0.884	0.220	0.248	0.181	---	---	29
30	---		0.328B	0.721	0.271	0.088	0.513	0.183	0.330	0.124	---	---	30
31	---		1.84 B		0.243		0.571	0.187		0.132	---	---	31
TOTAL	---	---	8.451	43.007	15.817	3.540	33.183	13.478	8.728	3.732	---	---	TOTAL
MEAN	---	---	0.273	1.43	0.504	0.118	0.715	0.435	0.324	0.120	---	---	MEAN
MAX	---	---	1.84	4.87	0.882	0.278	2.85	1.48	0.618	0.174	---	---	MAX
MIN	---	---	0.038	0.721	0.243	0.026	0.083	0.089	0.087	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.478
MAXIMUM DAILY, 4.87B ON APR 1
MINIMUM DAILY, 0.026 ON JUN 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 114 19 35 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 810
FEB	---	AUG	1 180
MAR	730	SEP	881
APR	3 720	OCT	322
MAY	1 380	NOV	---
JUN	308	DEC	---

TOTAL DISCHARGE, 10 100 dam³

FLAT CREEK NEAR BOYLE - STATION NO. 07CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.0048	0.324	0.313	0.020	0	0.082	0.014	0.048	---	1
2	---	---	0.0038	0.0108	0.303	0.328	0.018	0	0.082	0.011	0.053	---	2
3	---	---	0.0038	0.0408	0.288	0.487	0.013	0	0.115	0.008	0.047A	---	3
4	---	---	0.0038	0.8138	0.248	0.573	0.010	0.031	0.348	0.008	---	---	4
5	---	---	0.0038	1.48 B	0.228	0.478	0.004	0.148	0.277	0.007	---	---	5
6	---	---	0.0038	2.38 B	0.206	0.883	0.009	0.073	0.198	0.027	---	---	6
7	---	---	0.0038	4.88 B	0.188	0.882	0.007	0.044	0.138	0.013	---	---	7
8	---	---	0.0038	3.27	0.168	0.594	0.010	0.030	0.088	0.015	---	---	8
9	---	---	0.0038	3.87	0.147	0.585	0.027	0.028	0.084	0.022	---	---	9
10	---	---	0.0038	2.48	0.184	0.487	0.018	0.082	0.073	0.022	---	---	10
11	---	---	0.0038	2.10	0.188	0.490	0.012	0.088	0.084	0.018	---	---	11
12	---	---	0.0038	1.63	0.147	0.348	0.008	0.088	0.088	0.020	---	---	12
13	---	---	0.0038	1.74	0.124	0.209	0.004	0.084	0.048	0.018	---	---	13
14	---	---	0.0038	1.80	0.148	0.170	0.001	0.071	0.041	0.188	---	---	14
15	---	---	0.0038	1.41	0.134	0.132	0.001	0.072	0.038	0.032	---	---	15
16	---	---	0.0038	1.23	0.104	0.118	0.001	0.032	0.034	0.028	---	---	16
17	---	---	0.0038	1.18	0.109	0.113	0.001	0.042	0.031	0.030	---	---	17
18	---	---	0.0038	1.07	0.082	0.108	0.001	0.027	0.030	0.031	---	---	18
19	---	---	0.0038	0.940	0.280	0.078	0.001	0.024	0.028	0.030	---	---	19
20	---	---	0.0038	0.840	0.182	0.075	0.001	0.037	0.024	0.028	---	---	20
21	---	---	0.0038	0.787	0.328	0.083	0	0.082	0.022	0.033	---	---	21
22	---	---	0.0038	0.881	0.503	0.081	0	0.077	0.021	0.031	---	---	22
23	---	---	0.0038	0.854	0.833	0.057	0	0.088	0.021	0.031	---	---	23
24	---	---	0.0038	0.550	0.414	0.087	0	0.075	0.018	0.033	---	---	24
25	---	0.0038	0.0038	0.609	0.344	0.068	0	0.058	0.018	0.036	---	---	25
26	---	0.0038	0.0038	0.632	0.308	0.037	0	0.050	0.015	0.038	---	---	26
27	---	0.0038	0.0038	0.826	0.286	0.034	0	0.040	0.015	0.108	---	---	27
28	---	0.0038	0.0038	0.489	0.212	0.021	0	0.047	0.015	0.048	---	---	28
29	---		0.0038	0.382	0.378	0.017	0	0.058	0.020	0.031	---	---	29
30	---		0.0038	0.327	0.418	0.024	0	0.085	0.017	0.038	---	---	30
31	---		0.0048		0.387		0	0.073		0.053		---	31
TOTAL	---	---	0.094	38.283	7.781	7.387	0.188	1.853	2.014	1.012	---	---	TOTAL
MEAN	---	---	0.003	1.28	0.251	0.246	0.006	0.053	0.087	0.033	---	---	MEAN
MAX	---	---	0.004	4.88	0.833	0.882	0.027	0.148	0.348	0.188	---	---	MAX
MIN	---	---	0.003	0.004	0.082	0.017	0	0	0.015	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.238
MAXIMUM DAILY, 4.888 ON APR 7
MINIMUM DAILY, 0 ON JUL 21
MAXIMUM INSTANTANEOUS,
8.20 AT 06:00 MST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 84 35 15 N
LONG 112 54 20 W
DRAINAGE AREA, 184 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14.3
FEB	---	AUG	143
MAR	8.12	SEP	174
APR	3 310	OCT	87.4
MAY	673	NOV	---
JUN	638	DEC	---

TOTAL DISCHARGE, 5 050 dam³

FOOTHILLS CREEK NEAR PINCHER CREEK - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.235	0.063	0	0	0	0	---	---	1
2	---	---	---	---	0.204	0.030	0	0	0	0	---	---	2
3	---	---	---	---	0.184	0.017	0	0	0	0	---	---	3
4	---	---	---	---	0.162	0.017	0	0	0	0	---	---	4
5	---	---	---	---	0.133	0.013	0	0	0	0	---	---	5
6	---	---	---	---	0.128	0.008	0	0	0	0	---	---	6
7	---	---	---	---	0.111	0.002	0	0	0	0	---	---	7
8	---	---	---	---	0.101	0.001	0	0	0	0	---	---	8
9	---	---	---	1.25 A	0.088	0.001	0	0	0	0	---	---	9
10	---	---	---	1.07	0.071	0	0	0	0	0	---	---	10
11	---	---	---	0.858	0.058	0	0	0.001	0	0	---	---	11
12	---	---	---	0.802	0.053	0	0	0.012	0	0	---	---	12
13	---	---	---	0.748	0.047	0	0	0	0	0	---	---	13
14	---	---	---	0.888	0.039	0	0	---	0	0	---	---	14
15	---	---	---	0.889	0.038	0	0	---	0	0	---	---	15
16	---	---	---	0.879	0.038	0	0	---	0	0	---	---	16
17	---	---	---	0.888	0.033	0	0	---	0	0	---	---	17
18	---	---	---	0.880	0.031	0	0	---	0	0	---	---	18
19	---	---	---	0.859	0.026	0	0	---	0	0	---	---	19
20	---	---	---	0.823	0.023	0	0	---	0	0	---	---	20
21	---	---	---	0.487	0.026	0	0	---	0	0	---	---	21
22	---	---	---	0.408	0.027	0	0	---	0	0	---	---	22
23	---	---	---	0.388	0.024	0	0.823	---	0	0	---	---	23
24	---	---	---	0.418	0.021	0	0.881	---	0	0	---	---	24
25	---	---	0.141A	0.448	0.033	0	0.388	---	0	0	---	---	25
26	---	---	---	0.388	0.028	0	0.148	---	0	0	---	---	26
27	---	---	---	0.328	0.080	0	0.080	---	0.015	0	---	---	27
28	---	---	---	0.294	0.087	0	0.025	---	0.005E	0	---	---	28
29	---		---	0.272	0.275	0	0.015E	---	0.005E	0	---	---	29
30	---		---	0.248	0.170	0	0.010E	---	0.005E	0	---	---	30
31	---		---		0.081		0.005E	---		0		---	31
TOTAL	---	---	---	---	2.825	0.140	2.034	---	0.030	0	---	---	TOTAL
MEAN	---	---	---	---	0.085	0.005	0.068	---	0.001	0	---	---	MEAN
MAX	---	---	---	---	0.275	0.063	0.881	---	0.015	0	---	---	MAX
MIN	---	---	---	---	0.021	0	0	---	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUN 10

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 25 N
LONG 113 42 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	170
FEB	---	AUG	---
MAR	---	SEP	2.58
APR	---	OCT	0
MAY	227	NOV	---
JUN	12.1	DEC	---

FORSTER RESERVOIR NEAR CESSFORD - STATION NO. 05CH013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	25.197	25.379	25.302	25.751	25.314	24.367	25.228	25.482	25.338	---	1
2	---	---	25.172	25.285	25.298	25.788	25.270	24.408	25.231	25.478	25.337	---	2
3	---	---	25.173	25.304	25.292	25.762	25.271	24.449	25.288	25.477	25.334	---	3
4	---	---	25.184	25.317	25.287	25.772	25.282	24.504	25.288	25.474	25.332A	---	4
5	---	---	25.189	25.327	25.328	25.778	25.304	24.588	25.338	25.466	---	---	5
6	---	---	25.209	25.333	25.358	25.788	25.318	24.599	25.392	25.482	---	---	6
7	---	---	25.213	25.335	25.392	25.780	25.332	24.633	25.431	25.484	---	---	7
8	---	---	25.211	25.328	25.421	25.728	25.348	24.681	25.469	25.480	---	---	8
9	---	---	25.210	25.342	25.458	25.681	25.353	24.782	25.497	25.420	---	---	9
10	---	---	25.210	25.334	25.508	25.585	25.333	24.841	25.489	25.401	---	---	10
11	---	---	25.212	25.343	25.583	25.493	25.248	24.926	25.487	25.383	---	---	11
12	---	---	25.216	25.341	25.625	25.417	25.128	24.998	25.484	25.378	---	---	12
13	---	---	25.220	25.338	25.687	25.374	25.008	25.086	25.491	25.373	---	---	13
14	---	---	25.227	25.344	25.678	25.347	24.878	25.141	25.485	25.389	---	---	14
15	---	---	25.227	25.346	25.643	25.311	24.732	25.190	25.479	25.388	---	---	15
16	---	---	25.226	25.341	25.608	25.277	24.584	25.197	25.478	25.385	---	---	16
17	---	---	25.231	25.333	25.584	25.274	24.387	25.208	25.476	25.386	---	---	17
18	---	---	25.230	25.324	25.636	25.274	24.247	25.218	25.471	25.389	---	---	18
19	---	---	25.228	25.332	25.603	25.318	24.187	25.230	25.468	25.354	---	---	19
20	---	---	25.239	25.328	25.478	25.384	24.178	25.231	25.468	25.349	---	---	20
21	---	---	25.241	25.330	25.488	25.400	24.208	25.227	25.471	25.352	---	---	21
22	---	---	25.244	25.322	25.443	25.434	24.212	25.222	25.483	25.345	---	---	22
23	---	25.170A	25.242	25.314	25.428	25.451	24.183	25.211	25.500	25.344	---	---	23
24	---	25.165	25.249	25.320	25.447	25.443	24.186	25.212	25.498	25.348	---	---	24
25	---	25.169	25.251	25.318	25.480	25.426	24.143	25.213	25.498	25.349	---	---	25
26	---	25.165	25.250	25.313	25.513	25.413	24.147	25.218	25.502	25.342	---	---	26
27	---	25.169	25.245	25.316	25.559	25.403	24.153	25.214	25.492	25.340	---	---	27
28	---	25.169	25.251	25.316	25.623	25.373	24.180	25.217	25.490	25.338	---	---	28
29	---		25.261	25.314	25.660	25.358	24.181	25.232	25.488	25.342	---	---	29
30	---		25.266	25.312	25.691	25.383	24.219	25.229	25.487	25.341	---	---	30
31	---		25.273		25.724		24.286	25.233		25.340		---	31
MEAN	---	---	25.225	25.325	25.502	25.495	24.700	24.988	25.445	25.388	---	---	MEAN
MAX	---	---	25.273	25.345	25.724	25.788	25.353	25.233	25.502	25.482	---	---	MAX
MIN	---	---	25.187	25.279	25.292	25.274	24.143	24.367	25.228	25.338	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 25.788 ON JUN 8

MAXIMUM INSTANTANEOUS,
25.793 AT 18:48 MST ON JUN 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 51 N
LONG 111 45 56 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
303 km²

FREEMAN RIVER NEAR FORT ASSINIBOINE - STATION NO 07AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8008	1.808	13.3	17.0	4.10	27.0	7.46	3.92	2.788	---	1
2	---	---	0.8258	2.458	17.0	16.8	3.56	51.8	7.46	3.92	2.708	---	2
3	---	---	0.8408	2.278	32.3	16.5	3.36	47.4	7.46	3.92	2.628	---	3
4	---	---	0.8508	2.858	29.1	14.8	2.96	48.5	14.8	3.92	2.548	---	4
5	---	---	0.8578	3.208	23.2	11.8	2.36	31.1	17.8	3.92	---	---	5
6	---	---	0.8458	7.488	16.8	11.8	2.07	31.1	14.0	7.14	---	---	6
7	---	---	0.8428	7.788	17.8	10.8	2.08	21.4	10.8	8.22	---	---	7
8	---	---	0.8408	8.948	16.3	9.88	2.05	15.5	8.10	8.88	---	---	8
9	---	---	0.8388	9.948	14.8	8.84	2.02	18.5	7.46	8.10	---	---	9
10	---	---	0.8388	4.908	12.7	8.84	3.06	14.8	7.46	4.80	---	---	10
11	---	---	0.8388	8.238	11.8	14.0	3.74	17.0	7.46	4.30	---	---	11
12	---	---	0.8388	8.508	10.8	12.7	3.74	18.8	7.78	4.10	---	---	12
13	---	---	0.8388	8.108	8.88	12.7	3.36	18.8	7.14	4.30	---	---	13
14	---	---	0.8408	8.108	8.88	8.84	2.99	18.3	7.14	4.10	---	---	14
15	---	---	0.8428	11.5 B	8.42	8.84	2.33	15.8	10.8	3.74	---	---	15
16	---	---	0.8488	9.688	8.88	8.88	2.07	13.1	11.8	3.88	---	---	16
17	---	---	0.8508	14.6 B	8.88	8.84	2.02	10.3	12.7	3.36	---	---	17
18	---	---	0.8608	11.8 B	8.88	7.78	1.84	10.3	10.8	2.93	---	---	18
19	---	---	0.8708	8.548	7.14	7.48	1.83	10.3	8.88	3.748	---	---	19
20	---	---	0.8808	8.108	7.14	8.50	2.60	10.8	7.46	3.648	---	---	20
21	---	---	0.8008	7.14	7.48	8.22	2.83	14.0	8.82	3.038	---	---	21
22	---	---	0.8208	7.48	7.14	8.84	2.86	26.0	8.50	3.018	---	---	22
23	---	---	0.8508	8.82	8.82	8.88	8.38	27.0	8.22	3.088	---	---	23
24	---	---	0.8708	8.22	8.84	8.88	4.70	17.8	8.10	3.148	---	---	24
25	---	---	0.8888	7.48	8.38	8.10	4.50	14.8	8.10	3.898	---	---	25
26	---	---	1.02 B	8.50	8.38	4.80	4.70	12.1	4.80	3.808	---	---	26
27	---	---	1.06 B	7.14	8.10	4.80	8.50	11.8	4.80	2.988	---	---	27
28	---	---	1.10 B	7.78	4.80	4.30	7.14	8.88	4.30	3.078	---	---	28
29	---		1.18 B	8.84	8.88	4.30	8.88	8.88	4.30	2.988	---	---	29
30	---		1.32 B	13.1	8.82	4.10	8.84	7.48	4.30	2.938	---	---	30
31	---		1.36 B		11.8		7.14	7.48		2.888		---	31
TOTAL	---	---	28.815	214.88	361.28	270.48	111.33	603.48	284.80	117.18	---	---	TOTAL
MEAN	---	---	0.930	7.17	11.7	9.02	3.59	19.5	9.50	3.78	---	---	MEAN
MAX	---	---	1.36	14.8	33.3	17.0	7.14	51.8	18.8	7.14	---	---	MAX
MIN	---	---	0.800	1.80	4.80	4.10	1.83	7.48	4.30	2.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.01
MAXIMUM DAILY, 51.8 ON AUG 2
MINIMUM DAILY, 0.8008 ON MAR 1
MAXIMUM INSTANTANEOUS,
88.8 ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 21 52 N
LONG 114 54 13 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8 630
FEB	---	AUG	62 100
MAR	2 460	SEP	22 000
APR	18 600	OCT	10 100
MAY	31 200	NOV	---
JUN	23 400	DEC	---

TOTAL DISCHARGE, 188 000 dam³

GALWEY BROOK NEAR WATERTON PARK - STATION NO. 05AD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.061A	1.82	0.217	0.177	---	0.331	0.177	---	---	1
2	---	---	---	0.078	1.43	0.178	0.171	---	0.317	0.168	---	---	2
3	---	---	---	0.095	1.05	0.181	0.188	---	0.311	0.163	---	---	3
4	---	---	---	0.111	0.859	0.161	0.202	0.385A	0.306	0.138	---	---	4
5	---	---	---	0.130	0.714	0.147	0.244	0.388	0.301	0.134	---	---	5
6	---	---	0.084B	0.145	0.715	0.188	0.238	0.328	0.287	0.131	---	---	6
7	---	---	---	0.138	0.752	0.284	0.284	0.317	0.278	0.127	---	---	7
8	---	---	---	0.127	0.800	0.244	0.285	0.288	0.248	0.124	---	---	8
9	---	---	---	0.120	0.776	0.225	0.278	0.300	0.248	0.121	---	---	9
10	---	---	---	0.114	0.742	0.221	0.324	0.374	0.248	0.119	---	---	10
11	---	---	---	0.108	0.680	0.209	0.309	0.411	0.242	0.118	---	---	11
12	---	---	---	0.111	0.659	0.174	0.288	0.375	0.228	0.118	---	---	12
13	---	---	---	0.117	0.574	0.161	0.280	0.383	0.231	0.118	---	---	13
14	---	---	---	0.126	0.478	0.167	0.284	0.383	0.224	0.118	---	---	14
15	---	---	---	0.160	0.375	0.114	0.260	0.428	0.217	0.120	---	---	15
16	---	---	---	0.181	0.378	0.128	0.286	0.435	0.208	0.118	---	---	16
17	---	---	---	0.234	0.362	0.184	0.370	0.483	0.203	0.116	---	---	17
18	---	---	---	0.240	0.248	0.130	0.784	0.400	0.198	0.114	---	---	18
19	---	---	---	0.274	0.234	0.138	2.85	0.368	0.197	0.112	---	---	19
20	---	---	---	0.363	0.234	0.183	1.92	0.384	0.195	0.110	---	---	20
21	---	---	---	0.413	0.243	0.339	1.80	0.373	0.193	0.108	---	---	21
22	---	---	---	0.463	0.185	0.228	3.55	0.346	0.191	0.106	---	---	22
23	---	---	---	0.528	0.118	0.219	3.04	0.348	0.188	0.105	---	---	23
24	---	---	---	0.552	0.088	0.201	---	0.385	0.185	0.104	---	---	24
25	---	---	---	0.554	0.113	0.207	---	0.378	0.181	0.105	---	---	25
26	---	---	---	0.544	0.128	0.182	---	0.385	0.178	0.105	---	---	26
27	---	---	---	0.632	0.313	0.167	---	0.410	0.178	0.105A	---	---	27
28	---	---	---	0.831	0.428	0.172	---	0.412	0.180	0.100E	---	---	28
29	---		---	1.56	0.307	0.163	---	0.405	0.182	0.130E	---	---	29
30	---		---	1.90	0.278	0.178	---	0.368	0.183	0.100E	---	---	30
31	---		---		0.268		---	0.358		0.100E		---	31
TOTAL	---	---	---	11.137	16.062	5.430	---	---	5.879	3.688	---	---	TOTAL
MEAN	---	---	---	0.371	0.517	0.181	---	---	0.229	0.118	---	---	MEAN
MAX	---	---	---	1.90	1.82	0.284	---	---	0.331	0.177	---	---	MAX
MIN	---	---	---	0.061	0.088	0.101	---	---	0.178	0.100	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.55 ON JUL 22
MINIMUM DAILY, 0.061A ON APR 1
MAXIMUM INSTANTANEOUS,
5.89 AT 13:30 MST ON JUL 22

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 25 N
LONG 113 51 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	584
APR	982	OCT	317
MAY	1 390	NOV	---
JUN	469	DEC	---

GHOST LAKE NEAR COCHRANE - STATION NO. 05BE005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1187.88	1188.30	1188.09	1187.43	1188.09	1188.28	1189.65	1190.84	1190.77	1182.11	1181.70	1181.78	1
2	1187.90	1188.25	1188.07	1187.51	1188.22	1188.28	1189.74	1190.71	1190.81	1182.05	1181.72	1181.84	2
3	1187.94	1188.12	1188.12	1187.62	1188.27	1188.28	1189.82	1190.78	1190.88	1182.05	1181.74	1182.00	3
4	1187.98	1187.98	1188.17	1187.85	1188.18	1188.31	1190.09	1190.81	1190.88	1181.94	1181.83	1182.04	4
5	1188.11	1188.03	1188.10	1187.97	1188.06	1188.28	1190.09	1190.81	1190.88	1182.01	1181.87	1182.02	5
6	1188.08	1188.06	1188.09	1187.98	1188.00	1188.32	1190.09	1190.80	1190.88	1181.98	1182.06	1181.92	6
7	1188.18	1188.14	1188.12	1187.93	1187.97	1188.46	1190.07	1190.78	1190.77	1181.88	1181.99	1181.87	7
8	1188.22	1188.10	1188.00	1187.81	1187.83	1188.72	1190.07	1190.78	1190.06	1181.88	1181.94	1181.82	8
9	1188.22	1188.18	1187.98	1187.82	1187.72	1187.06	1190.13	1190.72	1189.34	1181.73	1181.91	1181.73	9
10	1188.44	1188.09	1187.91	1187.84	1187.84	1187.48	1190.15	1190.73	1188.57	1181.81	1181.98	1181.88	10
11	1188.51	1188.06	1187.90	1187.81	1187.45	1187.80	1190.20	1190.88	1187.48	1181.81	1182.02	1181.86	11
12	1188.45	1188.04	1187.86	1187.82	1187.32	1187.82	1190.17	1190.81	1188.06	1181.22	1182.04	1181.71	12
13	1188.38	1188.08	1187.85	1187.35	1187.49	1187.86	1190.13	1190.88	1184.71	1181.48	1182.07	1181.78	13
14	1188.41	1188.13	1187.88	1187.36	1187.56	1187.88	1190.13	1190.82	1183.08	1182.15	1181.80	1182.15	14
15	1188.28	1188.08	1187.73	1187.31	1187.46	1188.18	1190.08	1190.78	1183.22	1181.30	1182.13	1181.81	15
16	1188.32	1187.99	1187.83	1187.36	1187.28	1188.80	1190.03	1190.73	1182.15	1181.34	1182.12	1181.82	16
17	1188.47	1187.98	1187.73	1187.43	1186.99	1188.88	1190.04	1190.70	1182.14	1181.40	1182.08	1181.85	17
18	1188.53	1187.92	1187.74	1187.48	1188.88	1189.08	1190.03	1190.70	1182.23	1181.33	1182.31	1181.84	18
19	1188.53	1187.92	1187.88	1187.48	1188.21	1188.78	1190.13	1190.84	1182.18	1181.41	1182.58	1181.88	19
20	1188.43	1188.00	1187.98	1187.80	1188.88	1188.82	1190.07	1190.88	1182.12	1181.28	1182.57	1181.88	20
21	1188.38	1188.10	1187.82	1187.88	1188.80	1188.88	1190.11	1190.80	1182.04	1181.48	1182.47	1181.78	21
22	1188.28	1188.08	1187.74	1187.84	1188.88	1188.88	1190.20	1190.82	1182.07	1181.41	1182.50	1182.01	22
23	1188.34	1187.88	1187.88	1187.88	1188.88	1188.83	1190.28	1190.83	1182.05	1181.36	1182.37	1182.13	23
24	1188.48	1188.01	1187.80	1187.78	1188.81	1188.78	1190.38	1190.88	1181.98	1181.83	1182.34	1182.14	24
25	1188.47	1188.01	1187.88	1187.88	1188.78	1188.78	1190.31	1190.88	1182.02	1181.88	1182.28	1182.13	25
26	1188.48	1188.01	1187.88	1187.91	1188.97	1189.71	1190.31	1190.73	1182.10	1181.88	1182.12	1182.13	26
27	1188.44	1188.07	1187.88	1187.88	1188.81	1188.84	1190.28	1190.78	1182.10	1181.88	1182.10	1182.10	27
28	1188.52	1188.18	1187.88	1187.88	1188.73	1189.49	1190.23	1190.78	1182.18	1181.81	1182.02	1182.12	28
29	1188.41		1187.88	1187.91	1188.84	1189.30	1190.30	1190.77	1182.08	1181.83	1181.93	1182.10	29
30	1188.38		1187.81	1187.88	1188.33	1189.41	1190.43	1190.78	1182.11	1181.72	1181.77	1182.13	30
31	1188.30		1187.82		1188.38		1190.82	1190.78		1181.74		1182.14	31
MEAN	1188.31	1188.07	1187.92	1187.68	1188.04	1188.28	1190.14	1190.74	1186.30	1181.82	1182.08	1181.88	MEAN
MAX	1188.53	1188.30	1188.17	1187.98	1188.27	1189.88	1190.82	1190.81	1190.88	1182.11	1182.58	1182.14	MAX
MIN	1187.88	1187.92	1187.41	1187.31	1186.97	1188.21	1189.88	1190.88	1181.98	1181.28	1181.70	1181.84	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1188.88
MAXIMUM DAILY, 1190.81 ON AUG 13
MINIMUM DAILY, 1181.28 ON OCT 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 13 00 N
LONG 114 43 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
8 480 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GHOST RIVER ABOVE WAIPAROUS CREEK - STATION NO. 05BC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.31	2.86	2.09	1.67E	1.84	1.86	1.87	2.81	3.78	4.17	3.77	3.08	1
2	3.36	2.84	2.06	1.78E	1.86	1.86	1.83	2.81	3.81	4.17	3.74	3.08	2
3	3.30	2.82	2.09	1.67E	1.84	1.87	2.04	2.84	4.01	4.16	3.72	3.07	3
4	3.31	2.86	2.10	1.67E	1.83	1.87	2.19	2.88	3.88	4.17	3.72	3.04	4
5	3.28	2.86	2.15	2.04E	1.83	1.83	2.26	3.07	3.89	4.16	3.69	3.02	5
6	3.27	2.81	2.19	2.06E	1.85	1.82	2.38	3.00	4.15	4.15	3.68	2.98	6
7	3.24	2.86	2.22	2.06E	1.88	1.72	2.47	2.97	4.10	4.15	3.63	2.95	7
8	3.20	2.83	2.35A	2.09A	1.84	1.72	2.39	3.02	4.15	4.07	3.63	2.92	8
9	3.17	2.84	2.21E	2.07	1.83	1.81	2.45	3.10	4.14	4.08	3.60	2.89	9
10	3.14	2.84	2.18E	2.07	1.86	1.86	2.34	3.84	4.11	4.09	3.60	2.90	10
11	3.28	2.82	2.12E	2.07	1.89	1.88	2.18	3.80	4.10	4.08	3.67	2.87	11
12	3.28	2.48	2.07A	2.08	1.88	1.79	2.33	3.67	4.08	4.08	3.67	2.84	12
13	3.24	2.47	2.07	2.03	1.87	1.74	2.22	3.76	4.08	3.88	3.86	2.83	13
14	3.20	2.43	2.01	1.88	1.71	1.78	2.28	4.26	4.08	3.88	3.81	2.76	14
15	3.10	2.38	1.88	1.88	1.84	1.84	2.26	4.07	4.10	3.80	3.47	2.72	15
16	3.11	2.37	1.81	1.86	1.82	2.30	2.27	3.73	4.13	3.88	3.47	2.82	16
17	3.08	2.33	1.86A	1.88	1.88	2.03	2.41	3.80	4.14	3.86	3.42	2.84	17
18	3.04	2.30	1.62E	1.87	1.87	1.83	2.81	3.68	4.10	3.84	3.43	2.81	18
19	3.00	2.28	1.78E	1.82	1.70	2.01	3.30	3.67	4.14	3.80	3.41	2.48	19
20	2.98	2.24	1.87E	1.81	1.74	1.84	3.14	3.67	4.15	3.88	3.42	2.46	20
21	2.93	2.23	1.82E	1.82	1.74	1.88	3.73	3.48	4.12	3.88	3.43	2.45	21
22	2.89	2.22	1.67E	1.84	1.74	2.03	6.62	3.93	4.12	3.86	3.38	2.44	22
23	2.86	2.21	1.51E	1.82	1.74	2.10	6.76	3.88	4.18	3.80	3.37	2.43	23
24	2.83	2.20	1.46E	1.86	1.88	1.84	6.13	3.89	4.17	3.85	3.31	2.43	24
25	2.82	2.18	1.42E	1.83	1.89	1.85	3.43	3.74	4.18	3.86	3.28	2.40	25
26	2.80	2.11	1.38E	1.80	1.80	1.88	3.27	3.84	4.38	3.87	3.30	2.40	26
27	2.77	2.14	1.37E	1.78	1.88	2.00	3.08	3.82	4.24	3.87	3.30	2.40	27
28	2.73	2.11	1.38E	1.78	1.81	2.03	3.93	3.87	4.20	3.88	3.18	2.39	28
29	2.72		1.42E	1.78	1.82	1.89	3.86	3.84	4.19	3.84	3.11	2.40	29
30	2.70		1.50E	1.78	1.82	1.88	3.80	3.77	4.17	3.82	3.08	2.40	30
31	2.68		1.57E		1.85		3.81	3.72		3.80		2.33	31
TOTAL	94.53	66.88	58.99	57.97	50.88	55.27	91.03	107.14	123.33	122.78	104.10	83.01	TOTAL
MEAN	3.05	2.39	1.84	1.93	1.84	1.84	2.94	3.46	4.11	3.96	3.47	2.68	MEAN
MAX	3.31	2.86	2.25	2.08	1.84	2.30	6.62	4.26	4.38	4.16	3.77	3.07	MAX
MIN	2.68	2.11	1.36	1.67	1.83	1.83	1.87	2.81	3.78	3.80	3.08	2.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 6.62 ON JUL 22
MINIMUM DAILY, 1.36E ON MAR 26
MAXIMUM INSTANTANEOUS,
10.0 AT 00:35 MST ON JUL 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 15 N
LONG 114 55 16 W
DRAINAGE AREA, 486 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 170	JUL	7 880
FEB	5 780	AUG	8 280
MAR	4 820	SEP	10 700
APR	5 010	OCT	10 600
MAY	4 400	NOV	8 990
JUN	4 780	DEC	7 170

TOTAL DISCHARGE, 87 800 dam³

GHOST RIVER DIVERSION TO LAKE MINNEWANKA - STATION NO. 05BC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0 E	0.736	0.833	0.868E	3.00E	2.21	1.08	0.481E	0.170E	1
2	0	0	0	0 E	0.880	0.836	0.810E	3.88E	2.24	1.10	0.481E	0.142E	2
3	0	0	0	0 E	0.888	0.810	1.13 E	2.88E	2.14	1.08	0.481E	0.142E	3
4	0	0	0	0 E	0.888	0.888	1.84 E	2.88E	3.23	0.981	0.481E	0.113E	4
5	0	0	0	0 E	0.888	0.783	2.81 E	2.88E	2.82	0.863	0.481E	0.113E	5
6	0	0	0	0 E	0.788	1.13	2.88 E	2.84E	2.82	0.881	0.481E	0.113E	6
7	0	0	0	0.0288	1.44	0.881	2.48 E	2.73E	3.78	0.834	0.481E	0.088E	7
8	0	0	0	0.0488	2.88	0.881	2.28	3.48E	2.88	0.883	0.481E	0.088E	8
9	0	0	0	0.0488	2.78	1.08	1.88	3.38E	3.38	0.883	0.481E	0.057E	9
10	0	0	0	0.0578	2.07	1.13	2.38	4.48E	2.24	0.906	0.481E	0.057E	10
11	0	0	0	0.0578	1.28	0.878	2.48	8.14E	2.10	0.878	0.481E	0.028E	11
12	0	0	0	0.0578	2.24	0.821	2.28	8.78E	1.88	0.880	0.481E	0.028E	12
13	0	0	0	0.0578	1.78	0.824	2.01	8.84E	1.84	0.821	0.481E	0	13
14	0	0	0	0.0578	1.08	0.906	1.88 E	8.84E	1.73	0.821	0.481E	0	14
15	0	0	0	0.0578	0.881	0.821	1.88 E	8.84E	1.87	0.821	0.237E	0	15
16	0	0	0	0.0578	0.881	3.88	1.84 E	8.84E	1.83	0.783	0.378E	0	16
17	0	0	0	0.0578	0.738	4.83	1.78 E	8.84E	1.47	0.788	0.313E	0	17
18	0	0	0	0.0578	0.738	2.68	2.80	4.83E	1.38	0.736	0.183E	0	18
19	0	0	0	0.0578	0.738	3.01	5.88	4.30E	1.38	0.708	0.244E	0	19
20	0	0	0	0.028	0.708	1.73	8.28	4.08E	1.27	0.680	0.368E	0	20
21	0	0	0	0.028	0.823	1.67	8.09	3.84E	1.30	0.680	0.368E	0	21
22	0	0	0	0.087	0.666	1.58	7.18	3.40E	1.26	0.708	0.388E	0	22
23	0	0	0	0.087	0.666	1.26	6.80	3.28E	1.22	0.661	0.340E	0	23
24	0	0	0	0.087	0.666	0.861	6.28	3.84E	1.18	0.661	0.340E	0	24
25	0	0	0	0.087	0.666	0.831	5.82	3.66E	1.16	0.633	0.263E	0	25
26	0	0	0	0.028	0.666	0.708	6.17	3.40E	1.26	0.823	0 E	0	26
27	0	0	0	0.028	0.823	0.680	6.33	3.28E	1.18	0.836	0.196E	0	27
28	0	0	0	0.087	0.708	0.823	4.36	3.08E	1.13	0.836	0.227E	0	28
29	0		0	0.088	0.880	0.666	3.66	2.82E	1.10	0.610	0.327E	0	29
30	0		0	0.283	0.831	0.666	3.34	2.69E	1.10	0.666	0.196E	0	30
31	0		0		0.708		3.06	3.41E		0.666		0	31
TOTAL	0	0	0	1.833	31.137	37.316	106.376	116.81	84.81	24.666	10.936	1.133	TOTAL
MEAN	0	0	0	0.061	1.00	1.24	3.36	3.77	1.83	0.783	0.364	0.037	MEAN
MAX	0	0	0	0.283	2.78	4.83	7.18	6.14	3.33	1.10	0.481	0.170	MAX
MIN	0	0	0	0	0.666	0.610	0.610	2.38	1.10	0.610	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 7.18 ON JUL 22
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 17 00 N
LONG 115 10 00 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	8 010
FEB	0	AUG	10 100
MAR	0	SEP	4 760
APR	133	OCT	3 120
MAY	2 690	NOV	844
JUN	3 230	DEC	97.9

TOTAL DISCHARGE, 33 100 dam³

GHOST RIVER NEAR BLACK ROCK MOUNTAIN - STATION NO. 05BG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.4988	2.15	1.86	1.67E	3.94E	2.63	1.61	1.02 E	---	1
2	---	---	---	0.5248	1.86	1.76	1.73E	3.63E	2.69	1.64	1.02 E	---	2
3	---	---	---	0.5308	1.70	1.73	2.68E	3.48E	2.62	1.61	1.02 E	---	3
4	---	---	---	0.5248	1.84	1.84	3.20E	3.46E	2.81	1.56	1.02 E	---	4
5	---	---	---	0.5278	1.84	2.29	4.47E	3.63E	2.87	1.53	1.02 E	---	5
6	---	---	---	0.5158	2.21	2.63	4.25E	3.77E	3.67	1.56	1.02 E	---	6
7	---	---	---	0.5328	3.29	2.86	3.88E	3.60E	3.43	1.53	1.02 E	---	7
8	---	---	---	0.887	4.59	2.83	3.31	3.28E	3.17	1.47	1.02 E	---	8
9	---	---	---	0.869	4.84	2.76	2.87	3.14E	2.82	1.47	1.02 E	---	9
10	---	---	---	0.672	3.88	2.80	3.40	5.81E	2.78	1.44	1.02 E	---	10
11	---	---	---	0.589	2.80	2.44	3.48	7.53E	2.81	1.42	1.02 E	---	11
12	---	---	---	0.568	4.18	3.32	3.31	7.11E	2.49	1.40	1.02 E	---	12
13	---	---	---	0.558	3.46	3.48	2.88	6.87E	2.41	1.40	1.02 E	---	13
14	---	---	---	0.595	2.72	3.48	2.41E	6.87E	2.32	1.39	1.02 E	---	14
15	---	---	---	0.584	2.89	3.36	2.27E	6.87E	2.24	1.39	0.988E	---	15
16	---	---	---	0.584	2.88	7.88	2.38E	6.87E	2.15	1.38	0.850E	---	16
17	---	---	---	0.572	3.24	7.86	2.41E	6.87E	2.07	1.33	0.453E	---	17
18	---	---	---	0.589	2.16	4.84	3.74E	6.08E	1.98	1.31	0.568E	---	18
19	---	---	---	0.581	2.10	3.88	7.87E	5.38E	1.95	1.28	0.850E	---	19
20	---	---	---	0.847	1.83	3.45	8.63E	5.10E	1.87	1.27	0.850E	---	20
21	---	---	---	0.841	1.78	3.85	8.41E	4.38E	1.84	1.28	0.850E	---	21
22	---	---	---	0.886	1.87	3.28	18.5	4.19E	1.78	1.23	0.821E	---	22
23	---	---	---	0.881	1.81	2.78	11.6	4.03E	1.76	1.23	0.765E	---	23
24	---	---	---	0.881	1.84	3.48	9.34	4.33E	1.73	1.20	0.765E	---	24
25	---	---	---	0.881	1.87	3.21	8.87	4.80E	1.70	1.18	0.708E	---	25
26	---	---	---	0.847	1.70	2.04	9.32	4.22E	1.81	1.18	0.398E	---	26
27	---	---	---	0.838	1.78	1.98	8.86	4.03E	1.73	1.14	0.568E	---	27
28	---	---	---	0.875	2.04	1.83	5.89	3.71E	1.70	1.13	0.595E	---	28
29	---		---	0.863	2.44	1.87	4.84	3.67E	1.87	1.10	0.595E	---	29
30	---		---	0.880	2.36	1.87	4.45	3.28E	1.84	1.10E	0.568E	---	30
31	---		---		2.24		4.18E	2.88E		1.10E		---	31
TOTAL	---	---	---	17.104	78.74	67.81	183.02	148.80	71.81	41.83	28.071	---	TOTAL
MEAN	---	---	---	0.570	2.64	2.92	5.28	4.73	2.40	1.35	0.838	---	MEAN
MAX	---	---	---	0.880	4.84	7.86	18.5	7.83	3.81	1.64	1.02	---	MAX
MIN	---	---	---	0.488	1.81	1.73	1.73	2.88	1.84	1.10	0.388	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.58
MAXIMUM DAILY, 18.5 ON JUL 22
MINIMUM DAILY, 0.388E ON NOV 28

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 18 00 N
LONG 115 11 00 W
DRAINAGE AREA, 211 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 100
FEB	---	AUG	13 700
MAR	---	SEP	6 210
APR	1 480	OCT	3 610
MAY	6 840	NOV	1 170
JUN	7 580	DEC	---

TOTAL DISCHARGE, 54 400 dam³

GLENMORE RESERVOIR AT CALGARY - STATION NO 05BJ003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1075.188	1075.068	1074.788	1073.988	1074.488	1074.488	1074.848	1075.038	1075.488	1075.518	1075.018	1075.278	1
2	1075.148	1075.058	1074.738	1074.078	1074.548	1074.518	1074.848	1075.028	1075.578	1075.538	1075.018	1075.288	2
3	1075.148	1075.058	1074.738	1074.188	1074.538	1074.488	1074.848	1075.008	1075.568	1075.558	1075.028	1075.248	3
4	1075.148	1075.048	1074.738	1074.308	1074.518	1074.488	1074.878	1075.018	1075.788	1075.568	1075.028	1075.228	4
5	1075.148	1075.038	1074.738	1074.428	1074.488	1074.438	1075.028	1075.018	1075.888	1075.518	1075.018	1075.228	5
6	1075.138	1075.038	1074.788	1074.488	1074.488	1074.478	1075.068	1075.008	1075.928	1075.388	1075.988	1075.208	6
7	1075.108	1075.038	1074.788	1074.498	1074.508	1074.488	1075.038	1075.008	1075.988	1075.148	1075.978	1075.188	7
8	1075.088	1075.038	1074.748	1074.488	1074.568	1074.518	1075.008	1075.008	1076.068	1075.948	1075.978	1075.188	8
9	1075.088	1075.038	1074.688	1074.488	1074.618	1074.528	1075.018	1074.988	1076.128	1075.608	1075.948	1075.188	9
10	1075.058	1075.048	1074.638	1074.418	1074.688	1074.488	1075.028	1075.028	1076.178	1075.788	1075.888	1075.188	10
11	1075.078	1075.088	1074.588	1074.388	1074.688	1074.448	1075.028	1075.088	1076.228	1075.808	1075.848	1075.158	11
12	1075.118	1075.068	1074.488	1074.348	1074.668	1074.438	1075.028	1075.118	1076.268	1075.828	1075.788	1075.138	12
13	1075.148	1075.048	1074.448	1074.388	1074.648	1074.408	1075.038	1075.108	1076.308	1075.838	1075.728	1075.108	13
14	1075.148	1075.038	1074.388	1074.378	1074.638	1074.378	1075.068	1075.088	1076.388	1075.848	1075.708	1075.088	14
15	1075.118	1075.028	1074.348	1074.388	1074.588	1074.358	1075.048	1075.038	1076.378	1075.868	1075.708	1075.068	15
16	1075.088	1075.038	1074.278	1074.388	1074.588	1074.438	1075.038	1075.068	1076.388	1075.878	1075.888	1075.018	16
17	1075.088	1075.038	1074.218	1074.418	1074.568	1074.658	1075.028	1075.088	1076.388	1075.898	1075.828	1074.978	17
18	1075.088	1075.018	1074.158	1074.438	1074.548	1074.688	1075.018	1075.108	1076.378	1075.918	1075.588	1074.938	18
19	1075.088	1074.998	1074.088	1074.478	1074.548	1075.038	1075.028	1075.148	1076.408	1075.928	1075.508	1074.888	19
20	1075.088	1074.988	1074.048	1074.488	1074.578	1075.118	1075.008	1075.188	1076.428	1075.938	1075.458	1074.888	20
21	1075.088	1074.978	1074.018	1074.488	1074.608	1076.108	1074.988	1075.218	1076.448	1075.948	1075.438	1074.838	21
22	1075.088	1074.988	1074.008	1074.518	1074.618	1076.028	1075.028	1075.228	1076.488	1075.948	1075.438	1074.818	22
23	1075.088	1074.988	1074.008	1074.538	1074.608	1076.048	1075.028	1075.228	1076.478	1075.988	1075.428	1074.788	23
24	1075.088	1074.948	1073.998	1074.538	1074.588	1074.998	1075.028	1075.258	1076.488	1075.978	1075.388	1074.788	24
25	1075.088	1074.918	1073.998	1074.538	1074.588	1074.898	1074.988	1075.298	1076.528	1075.978	1075.388	1074.738	25
26	1075.088	1074.878	1073.998	1074.538	1074.538	1074.848	1074.988	1075.328	1076.548	1075.988	1075.348	1074.728	26
27	1075.078	1074.838	1073.978	1074.538	1074.498	1074.848	1074.988	1075.348	1076.568	1075.988	1075.338	1074.718	27
28	1075.078	1074.798	1073.938	1074.508	1074.448	1074.878	1074.988	1075.338	1076.548	1075.988	1075.328	1074.688	28
29	1075.078		1073.898	1074.478	1074.418	1074.908	1075.008	1075.338	1076.528	1076.008	1075.298	1074.658	29
30	1075.078		1073.908	1074.488	1074.438	1074.928	1075.038	1075.368	1076.508	1076.018	1075.278	1074.628	30
31	1075.068		1073.958		1074.488		1075.068	1075.418		1076.018		1074.588	31
MEAN	1075.100	1075.001	1074.328	1074.418	1074.588	1074.880	1075.018	1075.148	1076.248	1076.044	1075.874	1074.982	MEAN
MAX	1075.188	1075.068	1074.788	1074.538	1074.688	1075.118	1075.068	1075.418	1076.568	1076.088	1076.028	1075.278	MAX
MIN	1075.058	1074.798	1073.908	1073.988	1074.418	1074.358	1074.848	1074.988	1075.488	1075.788	1075.278	1074.588	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1075.058
MAXIMUM DAILY, 1076.568 ON SEP 27
MINIMUM DAILY, 1073.908 ON MAR 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 00 N
LONG 114 05 00 W
DATA CONTRIBUTED BY -
CITY OF CALGARY WATER WORKS DEPARTMENT

DRAINAGE AREA,
1 320 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -10.838 m ADJUSTMENT TO CONVERT TO CITY OF CALGARY DATUM

GOAT CREEK AT BANFF PARK BOUNDARY - STATION NO. 05BC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33	1.18	1.138	1.13	1.31	1.20	1.28	1.42	1.44	1.48	1.37	1.31	1
2	1.31	1.17	1.14	1.18	1.31	1.18	1.28	1.43	1.50	1.43	1.34	1.31	2
3	1.24	1.148	1.14	1.20	1.31	1.18	1.33	1.42	1.58	1.40	1.36	1.31	3
4	1.28	1.18	1.15	1.19	1.31	1.17	1.37	1.43	1.53	1.39	1.37	1.31	4
5	1.24	1.14	1.19	1.21	1.28	1.17	1.36	1.44	1.50	1.37	1.34	1.31	5
6	1.228	1.14	1.23	1.18	1.28	1.20	1.37	1.43	1.51	1.28	1.34	1.31	6
7	1.238	1.17	1.17	1.19	1.22	1.21	1.37	1.42	1.49	1.40	1.37	1.31	7
8	1.238	1.17	1.16	1.18	1.22	1.21	1.38	1.41	1.44	1.41	1.37	1.31	8
9	1.23	1.13	1.16	1.17	1.22	1.22	1.30	1.44	1.38	1.40	1.34	1.31	9
10	1.28	1.14	1.16	1.19	1.28	1.28	1.38	1.50	1.48	1.37	1.34	1.31	10
11	1.22	1.18	1.12	1.20	1.22	1.18	1.34	1.42	1.48	1.37	1.34	1.28	11
12	1.28	1.18	1.11	1.19	1.22	1.21	1.38	1.48	1.51	1.35	1.34	1.28	12
13	1.258	1.14	1.13	1.18	1.28	1.23	1.38	1.53	1.51	1.37	1.34	1.28	13
14	1.28	1.18	1.16	1.18	1.19	1.27	1.34	1.52	1.52	1.34	1.31	1.28	14
15	1.218	1.18	1.13	1.22	1.18	1.30	1.36	1.49	1.55	1.38	1.31	1.34	15
16	1.23	1.13	1.12	1.23	1.18	1.51	1.37	1.47	1.54	1.37	1.31	1.17	16
17	1.22	1.11	1.12	1.22	1.13	1.44	1.43	1.47	1.57	1.34	1.28	1.25	17
18	1.20	1.088	1.12	1.24	1.10	1.34	1.40	1.48	1.49	1.34	1.18	1.27	18
19	1.21	1.11	1.13	1.24	1.10	1.38	1.47	1.48	1.47	1.31	1.18	1.30	19
20	1.22	1.13	1.10	1.23	1.10	1.34	1.48	1.51	1.49	1.35	1.25	1.29	20
21	1.218	1.13	1.13	1.24	1.10	1.38	1.42	1.49	1.51	1.40	1.28	1.28	21
22	1.20	1.14	1.13	1.23	1.12	1.38	1.52	1.48	1.50	1.38	1.31	1.28	22
23	1.19	1.13	1.10	1.28	1.14	1.32	1.50	1.48	1.48	1.33	1.31	1.28	23
24	1.23	1.14	1.09	1.28	1.12	1.31	1.48	1.48	1.48	1.38	1.31	1.28	24
25	1.21	1.038	1.07	1.28	1.18	1.28	1.48	1.44	1.48	1.38	1.31	1.28	25
26	1.20	1.038	1.10	1.28	1.17	1.28	1.44	1.48	1.52	1.32	1.31	1.28	26
27	1.22	1.11	1.08	1.26	1.17	1.31	1.44	1.48	1.48	1.34	1.28	1.28	27
28	1.20	1.118	1.028	1.22	1.18	1.30	1.37	1.51	1.44	1.37	1.31	1.28	28
29	1.21		1.148	1.22	1.18	1.30	1.34	1.48	1.48	1.37	1.31	1.28	29
30	1.23		1.13	1.28	1.18	1.28	1.42	1.48	1.42	1.37	1.31	1.28	30
31	1.22		1.13		1.22		1.44	1.44		1.37		1.228	31
TOTAL	37.82	31.71	34.86	36.34	37.11	38.27	43.15	46.23	44.82	42.49	38.33	38.84	TOTAL
MEAN	1.22	1.13	1.13	1.21	1.20	1.28	1.39	1.49	1.49	1.37	1.31	1.28	MEAN
MAX	1.28	1.18	1.23	1.28	1.31	1.51	1.53	1.53	1.57	1.48	1.37	1.31	MAX
MIN	1.19	1.03	1.02	1.13	1.10	1.18	1.28	1.41	1.38	1.31	1.18	1.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 1.57 ON SEP 17
MINIMUM DAILY, 1.028 ON MAR 28

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 30 N
LONG 115 25 50 W
DRAINAGE AREA, 40.8 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 280	JUL	3 730
FEB	2 740	AUG	3 810
MAR	3 020	SEP	3 880
APR	3 140	OCT	3 690
MAY	3 210	NOV	3 400
JUN	3 310	DEC	3 420

TOTAL DISCHARGE, 40 700 dam³

GOLD CREEK NEAR FRANK - STATION NO. 05AA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---										
2	---	---	---	0.388	1.57	0.851	0.402	0.847	0.817	0.403	0.388	0.352	1
3	---	---	---	0.374	1.44	0.841	0.386	0.815	0.813	0 484	0 389	0 382	2
4	---	---	---	0.366	1.38	0.828	0.389	0.788	0.825	0 454	0 373	0 382	3
5	---	---	---	0.424	1.14	0.811	0.388	0.785	0 817	0 488	0 371	0 384	4
				0.474	1.08	0 802	0.418	0.747	0 802	0 480	0 372	0.368	5
6	---	---	---										
7	---	---	---	0.824	1.08	0.488	0.381	0.728	0.800	0 487	0.374	0 387	6
8	---	---	---	0.823	1.08	0.801	0 388	0 892	0 887	0 483	0.378	0 383	7
9	---	---	---	0.881	1.08	0 818	0.378	0 885	0.877	0 450	0 373	0.378	8
10	---	---	---	0.837	1.03	0.808	0.388	0 882	0.870	0 467	0.374	0.381	9
				0.838	0.992	0 489	0.388	0 882	0 883	0 448	0 378	0.384	10
11	---	---	---										
12	---	---	---	0.835	0.937	0.478	0.387	0.734	0 883	0 447	0 373	0.371	11
13	---	---	---	0.823	0.914	0 470	0.371	0 883	0 846	0 434	0 381	0.3718	12
14	---	---	---	0.826	0.902	0 488	0.380	0 859	0 839	0 418	0 382	0.3258	13
15	---	---	---	0.830	0.886	0 482	0.382	0.792	0 828	0 443	0 384	0.2708	14
				0.873	0.818	0.488	0.348	0.788	0 823	0 478	0.378	0.2388	15
16	---	---	---									0.2038	
17	---	---	---	0.842	0 787	0 488	0.384	0 780	0 833	0 488	0 377		16
18	---	---	---	0.884	0 787	0 448	0 417	0 748	0 812	0 478	0 384	---	17
19	---	---	---	0.888	0.743	0 483	0 880	0 714	0 488	0 438	0 341	---	18
20	---	---	---	0.841	0 731	0.831	2.88	0 885	0 491	0 433	0 384	---	19
				0.838	0.733	0.808	1.81	0.888	0 488	0 430	0.372	---	20
21	---	---	---										
22	---	---	---	0.842	0.737	0.488	1.88	0.887	0 478	0 428	0 373	---	21
23	---	---	---	0.880	0.704	0.482	1.81	0.882	0.472	0 428	0.373	---	22
24	---	---	---	0.872	0.878	0.484	1.78	0.848	0.478	0 424	0.373	---	23
25	---	---	---	0.881	0.883	0.481	1.88	0.720	0.478	0 418	0.374	---	24
			0.3638	0.783	0.838	0.438	1.47	0.788	0 478	0 408	0.371	---	25
26	---	---	0.3608										
27	---	---	0.3568	0.738	0.832	0.418	1.38	0.881	0.818	0 402	0.381	---	26
28	---	---	0.3548	0.780	0.820	0.418	1.18	0.870	0.808	0 388	0.3488	---	27
29	---		0.3628	0.838	0.882	0.428	1.08	0.858	0.482	0 382	0.3478	---	28
30	---		0.3668	1.17	0.871	0.413	1.00	0.858	0.478	0 391	0.3488	---	29
31	---		0.3728	1.48	0.888	0.408	0.934	0.848	0.478	0 378	0.3448	---	30
			0.382		0.870		0.881	0.838		0 378		---	31
TOTAL	---	---	---	18.133	28.818	14.184	28.888	21.888	18.882	13.438	11.887	---	TOTAL
MEAN	---	---	---	0.838	0.888	0.473	0.881	0.708	0.833	0.433	0.378	---	MEAN
MAX	---	---	---	1.48	1.57	0.881	2.88	0.847	0.838	0.478	0.384	---	MAX
MIN	---	---	---	0.388	0.888	0.408	0.348	0.838	0.478	0.378	0.341	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.812
MAXIMUM DAILY, 2.88 ON JUL 18
MINIMUM DAILY, 0.341 ON NOV 18
MAXIMUM INSTANTANEOUS,
2.87 AT 07:34 MST ON JUL 18

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 08 N
LONG 114 24 00 W
DRAINAGE AREA, 93.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 310
FEB	---	AUG	1 900
MAR	---	SEP	1 380
APR	1 080	OCT	1 180
MAY	2 320	NOV	888
JUN	1 230	DEC	---

TOTAL DISCHARGE, 12 900 dam³

GRANDE PRAIRIE CREEK NEAR BERSMITH - STATION NO. 07GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1008	0.088	0.105	0.001	0.004	0.001	0	---	---	1
2	---	---	0 B	1.00 B	0.083	0.088	0	0.001	0.001	0	---	---	2
3	---	---	0 B	3.20 B	0.089	0.085	0	0.001	0.001	0	---	---	3
4	---	---	0 B	3.70 B	0.080	0.073	0.001	0	0.001	0	---	---	4
5	---	---	0 B	3.80 B	0.085	0.089	0.001	0	0	0.001	---	---	5
6	---	---	0 B	3.03 B	0.048	0.113	0	0	0	0.001	---	---	6
7	---	---	0 B	0.8488	0.037	0.087	0	0	0	0.001	---	---	7
8	---	---	0 B	0.8748	0.031	0.048	0	0	0	0.001	---	---	8
9	---	---	0 B	0.881	0.028	0.028	0	0.002	0	0.001	---	---	9
10	---	---	0 B	0.878	0.019	0.011	0	0.004	0	0.001	---	---	10
11	---	---	0 B	0.838	0.018	0.088	0	0.001	0	0.001	---	---	11
12	---	---	0 B	0.298	0.013	0.015	0	0.001	0	0.001	---	---	12
13	---	---	0 B	0.238	0.008	0.008	0	0.001	0	0.001	---	---	13
14	---	---	0 B	0.238	0.008	0.008	0	0.001	0	0.001	---	---	14
15	---	---	0 B	0.263	0.010	0.008	0	0.002	0	0.001	---	---	15
16	---	---	0 B	0.208	0.008	0.004	0	0.002	0	0.001	---	---	16
17	---	0B	0 B	0.177	0.007	0.003	0	0.002	0	0	---	---	17
18	---	0B	0 B	0.137	0.007	0.001	0	0.001	0	0	---	---	18
19	---	0B	0 B	0.133	0.007	0.001	0	0.001	0	0	---	---	19
20	---	0B	0 B	0.148	0.019	0.001	0	0	0	0	---	---	20
21	---	0B	0 B	0.118	0.022	0.003	0	0	0	0	---	---	21
22	---	0B	0 B	0.088	0.018	0.001	0	0	0	0	---	---	22
23	---	0B	0 B	0.082	0.012	0.001	0	0	0	0	---	---	23
24	---	0B	0 B	0.088	0.008	0.001	0	0	0	0	---	---	24
25	---	0B	0 B	0.086	0.004	0.001	0	0	0	0	---	---	25
26	---	0B	0 B	0.043	0.002	0	0	0	0	0	---	---	26
27	---	0B	0 B	0.040	0.002	0	0	0	0	0	---	---	27
28	---	0B	0 B	0.039	0.001	0	0	0	0	0	---	---	28
29	---		0 B	0.047	0.018	0	0.001	0	0	0	---	---	29
30	---		0.0018	0.088	0.085	0.001	0	0	0	0	---	---	30
31	---		0.0038		0.122		0.010	0.001		0		---	31
TOTAL	---	---	0.004	20.873	0.807	0.813	0.014	0.028	0.004	0.012	---	---	TOTAL
MEAN	---	---	0	0.689	0.039	0.027	0	0.001	0	0	---	---	MEAN
MAX	---	---	0.003	3.70	0.133	0.113	0.010	0.004	0.001	0.001	---	---	MAX
MIN	---	---	0	0.038	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.052
MAXIMUM DAILY, 3.708 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.478 ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 28 N
LONG 118 54 50 W
DRAINAGE AREA, 182 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.31
FEB	---	AUG	2.16
MAR	0.35	SEP	0.35
APR	1 780	OCT	1.04
MAY	75.4	NOV	---
JUN	70.2	DEC	---

TOTAL DISCHARGE, 1 940 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

GREASEWOOD RESERVOIR NEAR ELKWATER - STATION NO. 11AE002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	DRY	DRY	DRY	---	---	1
2	---	---	---	---	---	---	---	DRY	DRY	DRY	---	---	2
3	---	---	---	---	---	---	---	DRY	DRY	DRY	---	---	3
4	---	---	---	---	---	---	---	DRY	DRY	DRY	---	---	4
5	---	---	30.230	---	---	---	---	DRY	DRY	DRY	---	---	5
6	---	---	30.190E	30.183E	30.065E	29.765E	29.225E	DRY	DRY	DRY	---	---	6
7	---	---	---	30.182	---	---	28.204	DRY	DRY	---	---	---	7
8	---	---	---	---	---	---	---	DRY	DRY	---	---	---	8
9	---	---	---	---	---	---	---	DRY	DRY	---	---	---	9
10	---	---	---	---	---	---	---	DRY	DRY	---	---	---	10
11	---	29.634	30.025	---	---	---	---	DRY	DRY	---	---	---	11
12	---	---	---	---	---	---	---	DRY	DRY	---	---	---	12
13	---	---	---	---	---	---	---	DRY	DRY	---	---	---	13
14	---	---	---	---	---	---	---	DRY	DRY	---	---	---	14
15	---	---	---	30.178	---	---	---	DRY	DRY	---	---	---	15
16	---	---	30.015E	30.173E	30.010E	29.585E	DRY	DRY	DRY	29.040E	---	---	16
17	---	---	---	---	---	---	DRY	DRY	DRY	---	---	---	17
18	---	---	30.011	---	---	---	DRY	DRY	DRY	---	---	---	18
19	---	---	---	---	---	---	DRY	DRY	DRY	---	---	---	19
20	---	29.381	---	---	---	---	DRY	DRY	DRY	---	---	---	20
21	---	---	---	---	---	---	DRY	DRY	DRY	---	---	---	21
22	---	---	---	---	---	---	DRY	DRY	DRY	---	---	---	22
23	---	---	---	---	---	---	DRY	DRY	DRY	---	---	---	23
24	---	29.280E	---	---	---	---	DRY	DRY	DRY	---	---	---	24
25	---	---	---	---	---	---	DRY	DRY	DRY	---	---	---	25
26	---	---	---	30.100E	29.985	29.410E	DRY	DRY	DRY	---	---	---	26
27	---	---	29.895E	---	29.945E	---	DRY	DRY	DRY	29.702	---	---	27
28	---	29.210E	---	30.095	---	---	DRY	DRY	DRY	---	---	---	28
29	---		---	---	---	---	DRY	DRY	DRY	---	---	---	29
30	---		---	30.085E	---	29.335E	DRY	DRY	DRY	---	---	---	30
31	---		30.090E		29.670E		DRY	DRY		29.935E		---	31
MEAN	---	---	---	---	---	---	---	DRY	DRY	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	DRY	DRY	---	---	---	MAX
MIN	---	---	---	---	---	---	---	DRY	DRY	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.230 ON MAR 5
MINIMUM DAILY, DRY ON AUG 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 28 54 N
LONG 110 23 58 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
0.32 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GREGG RIVER NEAR THE MOUTH - STATION NO. 07AF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4400	0.7140	1.46	2.49	1.28	25.3	5.47	2.02	---	---	1
2	---	---	0.4500	1.00 B	1.48	2.25	1.23	78.0	6.88	1.91	---	---	2
3	---	---	0.4550	0.881	1.28	2.09	1.41	53.1	7.71	1.88	---	---	3
4	---	---	0.4640	0.886	1.14	2.01	2.25	36.9	8.24	2.18	---	---	4
5	---	---	0.5100	1.07	1.10	2.04	3.48	33.2	8.43	2.08	---	---	5
6	---	---	0.5500	1.11	1.07	2.13	2.85	23.6	8.04	1.89	---	---	6
7	---	---	0.5550	1.10	1.10	2.01	2.50	17.1	4.82	1.84	---	---	7
8	---	---	0.5500	1.04	1.21	1.91	2.34	13.8	4.56	1.88	---	---	8
9	---	---	0.5650	0.991	1.32	1.90	2.35	11.6	4.39	1.76	---	---	9
10	---	---	0.5670	0.934	1.34	1.92	5.31	13.3	4.11	1.78	---	---	10
11	---	---	0.5600	0.908	1.30	1.82	4.74	13.2	3.92	1.73	---	---	11
12	---	---	0.5700	0.884	1.31	1.88	4.31	12.1	3.87	1.68	---	---	12
13	---	---	0.5600	0.883	1.38	1.83	3.74	12.4	4.05	1.68	---	---	13
14	---	---	0.5750	0.872	1.34	1.81	3.22	10.8	4.27	1.82	---	---	14
15	---	---	0.5800	0.878	1.36	1.88	2.84	9.82	3.88	1.87	---	---	15
16	---	---	0.5900	0.885	1.42	1.78	2.78	8.78	3.57	1.87	---	---	16
17	---	---	0.6000	0.850	1.36	2.21	3.48	8.28	3.30	1.82	---	---	17
18	---	---	0.5200	0.828	1.44	1.89	3.63	7.83	3.16	1.44	---	---	18
19	---	---	0.6250	0.830	1.88	1.76	3.91	7.87	3.08	1.48	---	---	19
20	---	---	0.6200	0.835	1.82	1.88	3.82	7.47	2.81	1.40	---	---	20
21	---	---	0.6150	0.838	1.84	1.88	3.38	8.08	2.81	1.40	---	---	21
22	---	---	0.6200	0.829	1.82	1.72	3.31	7.01	2.48	1.38	---	---	22
23	---	---	0.6250	0.842	2.26	1.80	3.68	8.37	3.36	1.25	---	---	23
24	---	---	0.6200	0.855	2.81	1.82	3.38	9.38	2.27	1.34	---	---	24
25	---	---	0.6400	0.827	3.13	1.62	3.38	8.80	2.22	1.32	---	---	25
26	---	---	0.6300	0.818	3.27	1.35	3.07	7.60	2.86	1.27	---	---	26
27	---	---	0.6250	0.818	3.39	1.35	2.74	6.67	2.80	1.29	---	---	27
28	---	---	0.6200	0.874	3.39	1.45	2.68	6.81	2.46	1.28	---	---	28
29	---		0.6600	1.08	3.63	1.37	2.60	7.47	2.28	1.32A	---	---	29
30	---		0.6600	1.38	3.08	1.33	2.31	8.68	2.11	1.302	---	---	30
31	---		0.6900		2.78		2.50	9.65		1.298		---	31
TOTAL	---	---	18.031	27 581	68.18	53.30	88.08	484.81	113.80	49.38	---	---	TOTAL
MEAN	---	---	0.582	0.919	1.88	1.78	3.07	15.6	3.78	1.59	---	---	MEAN
MAX	---	---	0.690	1.38	3.63	2.48	5.31	78.0	7.71	2.18	---	---	MAX
MIN	---	---	0.440	0.714	1.07	1.33	1.33	6.68	2.11	1.28	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 78.0 ON AUG 2
MINIMUM DAILY, 0.4400 ON MAR 1
MAXIMUM INSTANTANEOUS,
89.1 AT 05:21 MST ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 07 N
LONG 117 21 23 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	6 210
FEB	---	AUG	41 800
MAR	1 880	SEP	8 610
APR	2 380	OCT	4 270
MAY	5 030	NOV	---
JUN	4 810	DEC	---

TOTAL DISCHARGE, 77 800 dam³

CREDDINE LAKE NEAR FORT MCMURRAY - STATION NO 07CE001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	476.328E	476.318	476.419	476.483	476.404	476.288	476.227	476.148	476.189	---	1
2	---	---	476.328E	476.318	476.432	476.482	476.400	476.318	476.239	476.144	476.147	---	2
3	---	---	476.328A	476.318	476.441	476.480	476.403	476.306	476.238	476.189	476.173	---	3
4	---	---	476.327	476.318	476.448	476.482	476.382	476.301	476.228	476.189	476.088	---	4
5	---	---	476.328	476.318	476.447	476.483	476.388	476.301	476.238	476.143	476.138	---	5
6	---	---	476.324	476.318	476.444	476.487	476.385	476.293	476.280	476.134	476.137	---	6
7	---	---	476.321	476.318	476.450	476.470	476.384	476.288	476.233	476.127	476.135	---	7
8	---	---	476.316	476.322	476.461	476.470	476.378	476.288	476.208	476.183	476.137A	---	8
9	---	---	476.318	476.328	476.439	476.467	476.380	476.270	476.220	476.138	---	---	9
10	---	---	476.318	476.321	476.446	476.474	476.388	476.283	476.218	476.140	---	---	10
11	---	---	476.312	476.328	476.447	476.476	476.383	476.308	476.217	476.137	---	---	11
12	---	---	476.308	476.334	476.461	476.471	476.387	476.318	476.210	476.178	---	---	12
13	---	---	476.308	476.338	476.448	476.482	476.388	476.301	476.230	476.218	---	---	13
14	---	---	476.310	476.338	476.432	476.480	476.382	476.291	476.220	476.184	---	---	14
15	---	---	476.314	476.342	476.448	476.482	476.384	476.288	476.213	476.188	---	---	15
16	---	---	476.314	476.344	476.438	476.488	476.348	476.288	476.230	476.177	---	---	16
17	---	---	476.310	476.348	476.437	476.481	476.341	476.291	476.208	476.180	---	---	17
18	---	---	476.309	476.352	476.448	476.444	476.333	476.284	476.204	476.171	---	---	18
19	---	---	476.311	476.358	476.480	476.441	476.328	476.278	476.191	476.113	---	---	19
20	---	---	476.316	476.358	476.443	476.438	476.331	476.278	476.172	476.134	---	---	20
21	---	---	476.318	476.363	476.440	476.438	476.322	476.278	476.180	476.142	---	---	21
22	---	---	476.317	476.371	476.438	476.442	476.318	476.283	476.176	476.158	---	---	22
23	---	---	476.316	476.376	476.438	476.438	476.313	476.283	476.186	476.163	---	---	23
24	---	---	476.313	476.383	476.440	476.438	476.311	476.284	476.191	476.148	---	---	24
25	---	---	476.314	476.382	476.443	476.432	476.298	476.284	476.183	476.177	---	---	25
26	---	---	476.317	476.387	476.440	476.418	476.288	476.287	476.174	476.189	---	---	26
27	---	---	476.312	476.400	476.441	476.417	476.288	476.284	476.188	476.168	---	---	27
28	---	---	476.308	476.404	476.438	476.413	476.302	476.280	476.188	476.180	---	---	28
29	---	---	476.308	476.412	476.437	476.408	476.288	476.288	476.188	476.147	---	---	29
30	---	---	476.308	476.418	476.438	476.410	476.284	476.239	476.149	476.181	---	---	30
31	---	---	476.321		476.443		476.282	476.242	476.177	476.138	---	---	31
MEAN	---	---	476.316	476.381	476.441	476.447	476.348	476.281	476.203	476.163	---	---	MEAN
MAX	---	---	476.327	476.418	476.481	476.482	476.404	476.318	476.280	476.218	---	---	MAX
MIN	---	---	476.308	476.318	476.419	476.408	476.282	476.239	476.149	476.113	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 476.482 ON JUN 13

MAXIMUM INSTANTANEOUS,
476.507 AT 09:02 MST ON JUN 13

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WINDY CONDITIONS WERE REPORTED DURING PEAK WATER LEVEL

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 28 30 N
LONG 111 05 10 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1976

DRAINAGE AREA,
383 km²

GROAT CREEK NEAR WHITECOURT - STATION NO. 07AE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1088	0.1808	0.8088	0.856	0.209	0.882	0.283	0.228	0.1988	---	1
2	---	---	0.1088	0.2148	1.78 B	0.738	0.218	2.66	1.14	0.221	0.1988	---	2
3	---	---	0.1088	0.2478	3.07 B	0.820	0.178	1.42	3.08	0.238	0.2138	---	3
4	---	---	0.1088	0.2798	2.05 B	0.875	0.182	0.820	1.88	0.378	0.210A	---	4
5	---	---	0.1088	0.3118	1.81	0.494	0.172	0.885	1.08	0.371	---	---	5
6	---	---	0.1088	0.3438	1.48	0.884	0.151	0.780	0.714	0.312	---	---	6
7	---	---	0.1108	0.3768	1.22	0.410	0.180	0.488	0.612	0.283	---	---	7
8	---	---	0.1118	0.4078	1.02	0.386	0.190	0.381	0.428	0.278	---	---	8
9	---	---	0.1128	0.4408	0.938A	0.826	0.218	0.348	0.418	0.281	---	---	9
10	---	---	0.1138	0.8088	0.880E	0.828	0.234	0.378	0.384	0.269	---	---	10
11	---	---	0.1148	0.5728	0.880E	0.736	0.188	0.891	0.334	0.288	---	---	11
12	---	---	0.1158	0.6368	0.880E	0.611	0.180	0.817	0.320	0.267	---	---	12
13	---	---	0.1168	0.7088	0.880E	0.375	0.144	0.400	0.388	0.248	---	---	13
14	---	---	0.1188	0.7718	0.810E	0.388	0.132	0.387	0.488	0.227	---	---	14
15	---	---	0.1208	0.8378	0.880E	0.343	0.124	0.328	0.384	0.217	---	---	15
16	---	---	0.1228	0.9808	1.10 E	0.328	0.127	0.288	0.384	0.248	---	---	16
17	---	---	0.1248	1.00 E	1.34 E	0.315	0.232	0.278	0.328	0.2618	---	---	17
18	---	---	0.1288	0.4408	1.58 E	0.371	0.322	0.307	0.311	0.1988	---	---	18
19	---	---	0.1328	0.4278	1.82 E	0.380	0.171	0.288	0.301	0.2348	---	---	19
20	---	---	0.1368	0.8908	2.06 E	0.377	0.283	1.04	0.282	0.2048	---	---	20
21	---	---	0.1388	0.8368	2.30 A	0.432	0.268	2.88	0.272	0.2838	---	---	21
22	---	---	0.1438	0.3088	2.27	0.403	0.228	1.65	0.406	0.2038	---	---	22
23	---	---	0.1478	0.3068	2.04	0.338	0.212	1.06	0.284	0.2098	---	---	23
24	---	---	0.1508	0.2368	2.48	0.308	0.204	0.738	0.238	0.1838	---	---	24
25	---	---	0.1548	0.2768	2.08	0.284	0.194	0.518	0.238	0.2488	---	---	25
26	---	---	0.1408	0.2328	1.87	0.274	0.483	0.413	0.238	0.1848	---	---	26
27	---	---	0.1308	0.2838	1.38	0.263	0.363	0.381	0.263	0.2218	---	---	27
28	---	---	0.1288	0.3138	0.988	0.234	0.287	0.380	0.250	0.2368	---	---	28
29	---		0.1308	0.3828	1.71	0.208	0.236	0.429	0.244	0.2268	---	---	29
30	---		0.1408	0.4418	1.62	0.311	0.283	0.388	0.232	0.2158	---	---	30
31	---		0.1508		1.38		0.481	0.318		0.2028		---	31
TOTAL	---	---	3.870	13.788	48.718	13.338	8.918	22.914	15.705	7.841	---	---	TOTAL
MEAN	---	---	0.125	0.480	1.57	0.445	0.223	0.739	0.524	0.243	---	---	MEAN
MAX	---	---	0.154	1.00	3.07	0.858	0.483	2.88	3.08	0.378	---	---	MAX
MIN	---	---	0.108	0.180	0.809	0.208	0.124	0.278	0.232	0.183	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.542
MAXIMUM DAILY, 3.08 ON SEP 3
MINIMUM DAILY, 0.1088 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.88 AT 21:48 MST ON SEP 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 57 N
LONG 115 50 30 W
DRAINAGE AREA, 134 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	888
FEB	---	AUG	1 880
MAR	334	SEP	1 380
APR	1 180	OCT	882
MAY	4 210	NOV	---
JUN	1 180	DEC	---

TOTAL DISCHARGE, 11 800 dam³

CROW VENTRE CREEK NEAR DUNMORE - STATION NO. 05AH037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0198	0.0848	3.03	0.037	0.002	0.001	0.001	0	0	0	---	1
2	---	0.0218	0.0888	1.47	0.024	0.001	0.001	0.001	0	0	0	---	2
3	---	0.0208	0.0758	1.18	0.021	0.001	0.001	0.001	0	0	0	---	3
4	---	0.0188	0.429	0.883	0.018	0.001	0.001	0.001	0	0	OA	---	4
5	---	0.0178	2.18	0.736	0.018	0.001	0.001	0.001	0	0	---	---	5
6	---	0.0228	1.48	0.525	0.014	0.001	0.001	0.001	0	0	---	---	6
7	---	0.0368	0.853	0.338	0.011	0	0.001	0.001	0	0	---	---	7
8	---	0.0818	0.4228	0.228	0.008	0.001	0.001	0.001	0	0	---	---	8
9	---	0.1048	0.4188	0.181	0.007	0.001	0.001	0.001	0	0	---	---	9
10	---	0.1818	0.2808	0.130	0.006	0.001	0	0	0	0	---	---	10
11	---	0.2558	0.1848	0.134	0.004	0.001	0.001	0.001	0	0	---	---	11
12	---	0.8898	0.1478	0.142	0.004	0.001	0.001	0.001	0	0	---	---	12
13	---	0.5658	0.1498	0.148	0.004	0.001	0.001	0.001	0	0	---	---	13
14	---	0.8498	0.2548	0.118	0.003	0.001	0.001	0.002	0	0	---	---	14
15	---	0.5378	0.5498	0.098	0.003	0.001	0	0.004	0	0	---	---	15
16	---	0.4878	0.4588	0.086	0.003	0.001	0	0.003	0	0	---	---	16
17	---	0.3848	0.2898	0.073	0.003	0.001	0	0.008	0	0	---	---	17
18	---	0.2528	0.1878	0.077	0.002	0.001	0.001	0.004	0	0	---	---	18
19	---	0.2048	0.1828	0.076	0.002	0.001	0.001	0.003	0	0	---	---	19
20	---	0.1908	0.1428	0.088	0.002	0.002	0.001	0.002	0	0	---	---	20
21	---	0.1388	0.1228	0.083	0.002	0.001	0.002	0.001	0	0	---	---	21
22	---	0.1288	0.0988	0.087	0.002	0	0.002	0	0	0	---	---	22
23	---	0.1138	0.0988	0.083	0.002	0.001	0.002	0	0	0	---	---	23
24	---	0.0988	0.0888	0.081	0.002	0.001	0.002	0.001	0	0	---	---	24
25	---	0.0888	0.0878	0.048	0.002	0.001	0.001	0.001	0	0	---	---	25
26	---	0.0898	0.1248	0.039	0.002	0.001	0.001	0.001	0	0	---	---	26
27	---	0.1098	0.1898	0.035	0.002	0.001	0.001	0	0.001	0	---	---	27
28	0.0188	0.0888	0.1158	0.034	0.002	0.001	0.001	0	0	0	---	---	28
29	0.0198		0.1148	0.032	0.002	0.001	0.001	0	0	0	---	---	29
30	0.0198		0.1358	0.029	0.002	0.001	0.002	0	0	0	---	---	30
31	0.0178		1.17		0.002		0.001	0		0		---	31
TOTAL	---	5.470	11.137	10.211	0.203	0.030	0.033	0.040	0.001	0	---	---	TOTAL
MEAN	---	0.185	0.359	0.340	0.007	0.001	0.001	0.001	0	0	---	---	MEAN
MAX	---	0.848	3.18	3.03	0.037	0.002	0.002	0.008	0.001	0	---	---	MAX
MIN	---	0.017	0.084	0.029	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 3.03 ON APR 1
MINIMUM DAILY, 0 ON JUN 7
MAXIMUM INSTANTANEOUS,
4.22 AT 08:05 MST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 20 N
LONG 110 30 20 W
DRAINAGE AREA, 215 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.76
FEB	473	AUG	3.46
MAR	962	SEP	0.08
APR	852	OCT	0
MAY	17.5	NOV	---
JUN	2.58	DEC	---

TOTAL DISCHARGE, 2 340 dam³

GULL LAKE AT ASPEN BEACH - STATION NO. 05CC008

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	888.117	888.088	---	---	---	---	---	2
3	---	---	888.085	---	---	---	---	---	---	888.870	---	---	3
4	---	---	---	---	---	---	888.088	---	---	---	---	---	4
5	---	---	---	---	888.037	---	---	---	888.024	---	888.895	---	5
6	---	---	---	---	---	888.027	888.088	---	888.024	888.880	---	---	6
7	---	---	---	888.134	888.138	---	---	---	---	888.880	---	---	7
8	---	---	---	---	---	---	---	---	---	888.888	---	---	8
9	---	---	---	---	888.145	888.047	888.080	---	---	---	---	---	9
10	---	---	---	---	---	---	---	888.012	---	888.848	---	---	10
11	---	---	---	---	888.138	---	888.080	---	---	---	---	---	11
12	---	---	---	---	---	888.048	---	---	---	---	---	---	12
13	---	---	---	---	---	---	888.080	888.012	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	888.838	---	---	14
15	---	---	---	---	888.128	888.088	---	888.012	---	888.838	---	---	15
16	---	---	---	---	888.138	888.088	888.080	---	---	888.830	---	---	16
17	---	---	---	---	---	---	---	888.012	---	---	---	---	17
18	---	---	---	---	888.138	---	888.080	---	---	---	---	---	18
19	---	---	---	---	---	888.088	---	---	---	888.828	---	---	19
20	---	---	---	---	---	---	888.080	888.083	---	888.805	---	---	20
21	---	---	---	---	---	888.088	---	---	---	888.805	---	---	21
22	---	---	---	---	888.138	---	---	888.023	---	888.805	---	---	22
23	---	---	---	---	888.138	888.088	888.101	---	---	---	---	---	23
24	---	---	---	---	888.128	---	---	888.033	888.878	---	---	---	24
25	---	---	888.105	---	---	888.048	888.081	---	---	---	---	---	25
26	---	---	---	---	888.128	888.088	888.081	---	---	888.808	---	---	26
27	---	---	---	---	---	---	888.081	888.018	---	888.808	---	---	27
28	---	---	---	---	888.122	---	888.088	888.013	---	888.808	---	---	28
29	---		---	---	888.117	888.088	---	---	888.878	---	---	---	29
30	---		---	---	---	---	---	---	---	888.800	---	---	30
31	---		---		888.137		888.081	888.013		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 82 27 28 N
LONG 113 58 03 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 259 km²

MANGINGSTONE RIVER AT FORT MCMURRAY - STATION NO. 07CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4188	0.4028	0.4308	3.708	7.83	4.57	2.01	0.788	0.887	0.892	0.8818	---	1
2	0.4148	0.4038	0.4328	4.088	7.42	8.47	1.87	0.848	0.851	0.880	0.8598	---	2
3	0.4138	0.4028	0.4338	4.208	7.26	12.4	1.83	1.17	0.835	0.884	0.8458	---	3
4	0.4128	0.4038	0.4348	4.088	8.83	13.8	1.84	1.38	0.878	0.888	0.7248	---	4
5	0.4118	0.4048	0.4388	3.808	8.83	13.8	1.81	1.24	0.878	0.878	0.8778	---	5
6	0.4108	0.4058	0.4368	3.508	8.14	12.1	1.43	1.10	0.888	0.878	0.7108	---	6
7	0.4098	0.4088	0.4388	3.208	8.88	12.4	1.34	1.10	0.880	0.770	0.8528	---	7
8	0.4088	0.4078	0.4408	2.948	8.32	12.8	1.29	0.988	0.858	0.770	0.8818	---	8
9	0.4078	0.4088	0.4418	2.858	4.83	11.8	1.28	0.908	0.718	0.780	---	---	9
10	0.4088	0.4098	0.4428	2.488	4.78	10.8	1.30	1.18	0.701	0.788	---	---	10
11	0.4088	0.4108	0.4488	2.208	4.82	8.81	1.28	1.08	0.781	0.787	---	---	11
12	0.4048	0.4108	0.4588	1.418	5.08	8.28	1.17	1.88	0.818	0.788	---	---	12
13	0.4038	0.4118	0.4828	2.188	5.13	7.12	1.11	1.78	0.800	0.788	---	---	13
14	0.4028	0.4118	0.5838	2.088	4.86	6.14	1.12	1.88	0.778	0.788	---	---	14
15	0.4018	0.4118	0.8878	2.248	4.84	5.31	1.08	1.77	0.898	0.781	---	---	15
16	0.4018	0.4128	0.8088	2.848	4.41	4.70	1.12	1.74	0.811	0.784	---	---	16
17	0.4018	0.4138	0.8348	3.388	4.35	4.22	1.04	1.61	0.814	0.774	---	---	17
18	0.4008	0.4148	1.78 E	3.188	4.08	3.88	0.973	1.38	0.800	0.788	---	---	18
19	0.4008	0.4158	1.23 E	3.888	4.33	3.14	0.980	1.25	0.897	0.738	---	---	19
20	0.4008	0.4188	1.35 E	10.7 E	4.88	2.88	0.984	1.17	0.842	0.7888	---	---	20
21	0.4008	0.4178	1.72 E	10.5 E	5.04	2.73	0.902	1.10	0.818	0.7788	---	---	21
22	0.4008	0.4188	1.88 E	9.898	4.92	2.88	0.880	1.03	0.778	0.7318	---	---	22
23	0.4008	0.4198	2.17 E	9.488	4.78	2.90	0.888	0.988	0.740	0.7478	---	---	23
24	0.4008	0.4208	2.50 E	9.428	4.47	2.88	0.880	1.08	0.781	0.8088	---	---	24
25	0.4008	0.4328	2.70 E	9.47	4.31	2.88	0.844	0.888	0.718	0.8938	---	---	25
26	0.4018	0.4248	2.85 E	9.43	4.20	2.48	0.818	0.820	0.718	0.7188	---	---	26
27	0.4018	0.4288	1.85 E	9.12	3.98	2.38	0.788	0.818	0.700	0.7018	---	---	27
28	0.4018	0.4288	1.85 E	8.87	3.78	2.21	0.842	0.808	0.894	0.7288	---	---	28
29	0.4018		2.00 E	8.88	3.87	2.04	0.784	0.738	0.882	0.8898	---	---	29
30	0.4018		2.50 E	7.94	3.82	2.00	0.731	0.708	0.712	0.8898	---	---	30
31	0.4018		3.00 E		3.88		0.748	0.888		0.8838	---	---	31
TOTAL	12.536	11.848	37.971	188.84	188.02	188.13	38.317	38.783	22.883	22.828	---	---	TOTAL
MEAN	0.404	0.412	1.22	6.83	6.03	6.30	1.14	1.18	0.788	0.738	---	---	MEAN
MAX	0.418	0.428	3.00	10.7	7.83	13.8	2.01	1.88	0.814	0.808	---	---	MAX
MIN	0.400	0.402	0.438	1.81	3.82	2.00	0.731	0.888	0.838	0.878	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 13.8 ON JUN 4

MAXIMUM INSTANTANEOUS,
13.9 AT 19:42 MST ON JUN 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 42 18 N
LONG 111 31 20 W
DRAINAGE AREA, 859 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 080	JUL	3 080
FEB	887	AUG	3 080
MAR	3 280	SEP	1 980
APR	16 800	OCT	1 870
MAY	13 800	NOV	---
JUN	16 300	DEC	---

HARTLEY CREEK NEAR FORT MACKAY - STATION NO. 07DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0 B	0.2709 B	6.63A	2.61	1.27	0.148	0.108	0.431	0.308	---	1
2	0B	0B	0 B	0.3259 B	6.61A	2.52	1.27	0.140	0.113	0.426	0.294	---	2
3	0B	0B	0 B	0.3758 B	6.35	4.59	1.74	0.120	0.124	0.428	0.261	---	3
4	0B	0B	0 B	0.4409 B	6.06	5.84	1.62	0.120	0.132	0.430	0.1288	---	4
5	0B	0B	0 B	0.5259 B	5.76	6.58	1.56	0.119	0.141	0.453	0.1188	---	5
6	0B	0B	0 B	0.6209 B	5.43	6.62	1.51	0.118	0.154	0.376	0.1488	---	6
7	0B	0B	0 B	0.7509 B	5.13	6.95	1.32	0.117	0.166	0.388	0.1288	---	7
8	0B	0B	0 B	0.8609 B	4.85	6.84	1.15	0.120	0.188	0.441	---	---	8
9	0B	0B	0 B	1.05 B	4.57	6.54	0.985	0.122	0.196	0.488	---	---	9
10	0B	0B	0 B	1.25 B	4.61	6.12	0.831	0.128	0.219	0.472	---	---	10
11	0B	0B	0 B	1.42 B	4.46	5.67	0.691	0.130	0.247	0.456	---	---	11
12	0B	0B	0 B	1.65 B	4.31	5.00	0.580	0.120	0.271	0.472	---	---	12
13	0B	0B	0 B	1.90 B	4.14	4.57	0.520	0.102	0.283	0.485	---	---	13
14	0B	0B	0 B	2.30 B	3.94	4.11	0.470	0.088	0.288	0.485	---	---	14
15	0B	0B	0 B	2.70 B	3.79	3.83	0.400	0.094	0.335	0.442	---	---	15
16	0B	0B	0 B	3.25 B	3.60	3.27	0.340	0.108	0.385	0.422	---	---	16
17	0B	0B	0 B	3.60 B	3.48	2.95	0.310	0.131	0.402	0.407	---	---	17
18	0B	0B	0 B	4.50 B	3.41	2.82	0.285	0.152	0.416	0.393	---	---	18
19	0B	0B	0 B	5.30 B	3.48	2.88	0.285	0.162	0.428	0.381	---	---	19
20	0B	0B	0 B	5.30 B	3.38	2.47	0.240	0.184	0.446	0.387	---	---	20
21	0B	0B	0 B	7.48 A	3.23	2.30	0.220	0.194	0.462	0.378	---	---	21
22	0B	0B	0 B	8.08 A	3.09	2.28	0.200	0.134	0.473	0.378	---	---	22
23	0B	0B	0 B	8.31 A	2.93	2.17	0.180	0.118	0.483	0.363	---	---	23
24	0B	0B	0 B	8.27 A	2.80	2.02	0.195	0.134	0.434	0.352	---	---	24
25	0B	0B	0.0088	8.21 A	2.70	1.94	0.180	0.121	0.424	0.367	---	---	25
26	0B	0B	0.0208	8.10 A	2.67	1.83	0.143	0.115	0.443	0.348	---	---	26
27	0B	0B	0.0388	7.88 A	2.62	1.69	0.140	0.111	0.448	0.331	---	---	27
28	0B	0B	0.0808	7.82 A	2.48	1.58	0.139	0.103	0.433	0.318	---	---	28
29	0B		0.1008	7.33 A	2.31	1.38	0.141	0.105	0.416	0.328	---	---	29
30	0B		0.1808	7.14 A	2.20	1.27	0.145	0.105	0.422	0.334	---	---	30
31	0B		0.2388		2.13		0.155	0.103		0.321		---	31
TOTAL	0	0	0.838	117.868	123.24	111.78	19.434	3.852	9.405	12.394	---	---	TOTAL
MEAN	0	0	0.030	3.93	3.98	3.73	0.627	0.124	0.314	0.400	---	---	MEAN
MAX	0	0	0.238	8.31	6.63	6.95	1.62	0.162	0.473	0.488	---	---	MAX
MIN	0	0	0	0.270	2.13	1.27	0.138	0.094	0.105	0.318	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.31A ON APR 23
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
8.35 AT 22:58 MST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 34 N
LONG 111 27 53 W
DRAINAGE AREA, 358 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 680
FEB	0	AUG	333
MAR	84.8	SEP	813
APR	10 200	OCT	1 070
MAY	10 800	NOV	---
JUN	9 690	DEC	---

HASTINGS LAKE NEAR DEVILLE - STATION NO. 05EB011

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	736.258	736.234	736.156	736.244	736.249	736.248	---	---	1
2	---	---	---	---	736.259	736.226	736.154	736.252	736.251	736.244	---	---	2
3	---	---	---	---	736.258	736.225	736.148	736.252	736.307	736.242	---	---	3
4	---	---	---	---	736.258	736.223	736.148	736.252	736.308	736.240	---	---	4
5	---	---	---	---	736.258	736.218	736.143	736.269	736.308	736.236	---	---	5
6	---	---	---	---	736.258	736.218	736.151	736.277	736.308	736.232	---	---	6
7	---	---	---	---	736.258	736.212	736.148	736.277	736.304	736.228	---	---	7
8	---	---	---	736.212	736.253	736.208	736.148	736.277	736.300	736.222	---	---	8
9	---	---	---	---	736.251	736.205	736.156	736.276	736.302	736.220	---	---	9
10	---	---	---	---	736.251	736.215	736.156	736.273	736.302	736.216	---	---	10
11	---	---	---	---	736.250	736.215	736.153	736.274	736.300	736.214	---	---	11
12	---	---	---	---	736.248	736.212	736.159	736.272	736.298	736.214	---	---	12
13	---	---	---	---	736.248	736.210	736.167	736.270	736.295	736.210	---	---	13
14	---	---	---	---	736.244	736.204	736.168	736.266	736.291	736.208	---	---	14
15	---	---	---	---	736.241	736.201	736.164	736.266	736.287	736.208	---	---	15
16	---	---	---	---	736.237	736.201	736.164	736.262	736.283	736.204	---	---	16
17	---	---	---	---	736.233	736.195	736.161	736.261	736.278	736.202	---	---	17
18	---	---	---	---	736.230	736.189	736.177	736.261	736.278	736.198	---	---	18
19	---	---	---	---	736.246	736.186	736.185	736.269	736.274	736.194	---	---	19
20	---	---	---	---	736.266	736.182	736.179	736.267	736.270	736.192	---	---	20
21	---	---	---	---	736.265	736.186	736.176	736.263	736.267	736.192	---	---	21
22	---	---	---	---	736.266	736.186	736.176	736.261	736.266	736.190	---	---	22
23	---	---	---	---	736.263	736.181	736.175	736.258	736.266	736.188	---	---	23
24	---	736.133	736.177	---	736.262	736.175	736.175	736.258	736.264	736.188	---	---	24
25	---	---	---	---	736.246	736.186	736.171	736.263	736.260	736.188	---	---	25
26	---	---	---	---	736.248	736.182	736.167	736.262	736.260	736.186	---	---	26
27	---	---	---	736.267	736.247	736.186	736.163	736.260	736.258	736.186	---	---	27
28	---	---	---	---	736.247	736.186	736.161	736.260	736.263	736.182	---	---	28
29	---		---	---	736.243	736.187	736.166	736.256	736.260	736.184	---	---	29
30	---		---	---	736.239	736.187	736.162	736.261	736.246	736.182	---	---	30
31	---		---		736.236		736.162	736.261		736.182		---	31
MEAN	---	---	---	---	736.249	736.196	736.170	736.262	736.278	736.207	---	---	MEAN
MAX	---	---	---	---	736.269	736.234	736.196	736.277	736.308	736.248	---	---	MAX
MIN	---	---	---	---	736.230	736.186	736.143	736.244	736.246	736.182	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 63 35 30 N
LONG 112 54 02 W

DRAINAGE AREA,
270 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

HAY RIVER NEAR MEANDER RIVER - STATION NO. 07OB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.14 B	0.8218	322	1878	141	73.1	124	85.8	---	---	1
2	---	---	1.09 B	0.8248	320	1848	139	73.6	122	83.7	---	---	2
3	---	---	1.07 B	0.8428	322	1838	140	76.3	120	81.6	---	---	3
4	---	---	1.06 B	0.8488	327	1888	138	85.8	118	80.1	---	---	4
5	---	---	1.10 B	0.8408	337	1938	134	128	118	88.6	---	---	5
6	---	---	1.13 B	0.8888	341	2108	131	337	113	88.3	---	---	6
7	---	---	1.16 B	0.8488	338	2888	128	457	110	85.8	---	---	7
8	---	---	1.18 B	0.8448	322	3788	123	486	108	88.2	---	---	8
9	---	---	1.14 B	0.8788	302	3888	120	488	105	88.1	---	---	9
10	---	---	1.08 B	1.04 B	277	3838	117	438	103	88.5	---	---	10
11	---	---	1.01 B	1.08 B	280	3808	113	381	101	86.1	---	---	11
12	---	---	0.8528	1.11 B	248	3508	110	308	98.3	84.1	---	---	12
13	---	---	0.8028	1.13 B	238	3308	107	288	95.2	84.0	---	---	13
14	---	---	0.8748	1.28 B	233	2818	105	241	93.3	84.7	---	---	14
15	---	---	0.8328	1.87 B	230	2528	108	220	91.8	84.4	---	---	15
16	---	---	0.7928	2.17 B	231	2148	108	204	91.8	83.8	---	---	16
17	---	1.838	0.7608	2.63 B	228	1848	108	190	93.8	84.1	---	---	17
18	---	1.818	0.7268	4.21 B	248	1628	104	180	92.8	84.8	---	---	18
19	---	1.508	0.7388	5.83 B	287	1718	101	171	92.0	83.8	---	---	19
20	---	1.478	0.7358	11.0 B	273	1878	98.0	182	89.7	82.8	---	---	20
21	---	1.448	0.7378	28.0 B	288	1818	94.3	185	87.0	82.8	---	---	21
22	---	1.408	0.7818	82.8 B	289	1598	91.3	149	84.5	82.8	---	---	22
23	---	1.388	0.7888	88.0 B	248	1588	88.5	144	82.0	83.8	---	---	23
24	---	1.318	0.7728	148 B	338	158	88.1	138	78.8	84.7	---	---	24
25	---	1.288	0.7918	224 B	330	184	87.7	138	78.3	86.3	---	---	25
26	---	1.268	0.8018	270 B	223A	181	84.8	131	77.0	87.2	---	---	26
27	---	1.208	0.8058	284	214A	148	81.1	128	74.7	87.1A	---	---	27
28	---	1.188	0.8078	310	207A	146	78.5	131	72.2	87.08	---	---	28
29	---		0.8288	320	198E	148	78.9	133	70.1	88.1E	---	---	29
30	---		0.8238	324	183E	144	73.1	139	67.8	88.5E	---	---	30
31	---		0.8188		188E		72.0	128		85.0E		---	31
TOTAL	---	---	28.177	2 108.384	8 140	8 584	3 280.5	8 448.8	2 852.0	1 738.4	---	---	TOTAL
MEAN	---	---	0.908	70.3	263	218	106	208	95.1	86.1	---	---	MEAN
MAX	---	---	1.18	324	341	378	141	488	124	88.8	---	---	MAX
MIN	---	---	0.728	0.821	188	144	72.0	73.1	67.8	82.8	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 488 ON AUG 9
MINIMUM DAILY, 0.7268 ON MAR 18
MAXIMUM INSTANTANEOUS,
488 AT 04:30 MST ON AUG 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 08 56 N
LONG 117 38 03 W
DRAINAGE AREA, 38 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	283 000
FEB	---	AUG	887 000
MAR	2 430	SEP	248 000
APR	182 000	OCT	150 000
MAY	703 000	NOV	---
JUN	588 000	DEC	---

TOTAL DISCHARGE, 2 890 000 dam³

HAYNES CREEK NEAR HAYNES - STATION NO 06CD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0.040	0.037	0.002E	0 E	0.001E	0	0	---	1
2	---	---	0 B	0.0248	0.059	0.024	0.002E	0 E	0.001	0	0	---	2
3	---	---	0 B	0.0898	0.064	0.028	0.002E	0 E	0.001E	0	0	---	3
4	---	---	0 B	1.71 B	0.053	0.035	0.002E	0 E	0.001E	0	---	---	4
5	---	---	0 B	4.40 B	0.048	0.035	0.002E	0 E	0.001E	0	---	---	5
6	---	---	0 B	2.92	0.038	0.031	0.001E	0 E	0.001E	0	---	---	6
7	---	---	0 B	1.87	0.034	0.025	0.001E	0 E	0.001E	0	---	---	7
8	---	---	0 B	1.30	0.025	0.021	0.001E	0 E	0.001E	0	---	---	8
9	---	---	0 B	0.842	0.037	0.016	0.001E	0 E	0 E	0	---	---	9
10	---	---	0 B	0.485	0.032	0.016	0.001E	0 E	0 E	0	---	---	10
11	---	---	0 B	0.384	0.026	0.018	0.001E	0 E	0 E	0	---	---	11
12	---	---	0 B	0.278	0.030	0.014	0.001E	0 E	0 E	0	---	---	12
13	---	---	0 B	0.233	0.037	0.012	0.001E	0 E	0 E	0	---	---	13
14	---	---	0 B	0.178	0.038	0.010	0.001E	0 E	0 E	0	---	---	14
15	---	---	0 B	0.141	0.028	0.008	0.001E	0 E	0	0	---	---	15
16	---	---	0 B	0.123	0.030	0.018	0 E	0.001E	0	0	---	---	16
17	---	---	0 B	0.102	0.031	0.017	0 E	0.001E	0	0	---	---	17
18	---	---	0 B	0.104	0.033	0.018E	0 E	0.001E	0	0	---	---	18
19	---	---	0 B	0.103	0.037	0.018E	0 E	0.001E	0	0	---	---	19
20	---	---	0 B	0.104	0.037	0.018E	0 E	0.001E	0	0	---	---	20
21	---	---	0 B	0.088	0.034	0.013E	0 E	0.001E	0	0	---	---	21
22	---	---	0 B	0.078	0.028	0.010E	0 E	0.001E	0	0	---	---	22
23	---	---	0 B	0.068	0.020	0.008E	0 E	0.001E	0	0	---	---	23
24	---	---	0 B	0.078	0.018	0.008E	0 E	0.001E	0	0	---	---	24
25	---	---	0 B	0.081	0.013	0.002	0 E	0.001E	0	0	---	---	25
26	---	---	0 B	0.088	0.009	0.002E	0 E	0.001E	0	0	---	---	26
27	---	---	0 B	0.080	0.003	0.002E	0 E	0.001E	0	0	---	---	27
28	---	---	0 B	0.088	0.036	0.002E	0	0.001E	0	0	---	---	28
29	---		0 B	0.047	0.028	0.002E	0	0.001E	0	0	---	---	29
30	---		0.0028	0.042	0.034	0.002E	0 E	0.001E	0	0	---	---	30
31	---		0.0028		0.037		0 E	0.001E	0	0	---	---	31
TOTAL	---	---	0.004	18.069	1.080	0.457	0.030	0.018	0.008	0	---	---	TOTAL
MEAN	---	---	0	0.535	0.035	0.015	0.001	0.001	0	0	---	---	MEAN
MAX	---	---	0.002	4.40	0.083	0.037	0.002	0.001	0.001	0	---	---	MAX
MIN	---	---	0	0.001	0.009	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 4.40B ON APR 5
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 19 56 N
LONG 113 31 40 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.73
FEB	---	AUG	1.38
MAR	0.36	SEP	0.69
APR	1 380	OCT	0
MAY	84.2	NOV	---
JUN	38.6	DEC	---

TOTAL DISCHARGE, 1 530 dam³

HEART RIVER NEAR NAMPA - STATION NO. 07HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2338	0.1668	0.1958	0.3238	0.847	0.388	0.231	2.80	1.43	0.413	0.838	0.3888	1
2	0.2418	0.1778	0.1818	0.8288	0.588	0.571	0.188	5.61	1.34	0.447	0.828	0.3368	2
3	0.2438	0.1708	0.1838	1.40 B	0.502	0.953	0.138	5.31	1.32	0.418	0.842	0.3288	3
4	0.2408	0.1648	0.1938	3.71 B	0.586	1.45	0.242	4.84	1.30	0.374	0.870	0.3238	4
5	0.2438	0.1838	0.1888	4.34 B	0.812	1.21	0.083	4.08	0.975	0.388	0.8888	0.3178	5
6	0.2428	0.1948	0.2018	5.43 B	0.580	1.17	0.018	4.10	0.942	0.343	0.8628	0.2888	6
7	0.2388	0.1828	0.1828	7.34 B	0.627	1.08	0.012	3.88	1.87	0.388	0.883	0.2788	7
8	0.2388	0.2088	0.1838	8.84 B	0.742	1.07	0.013	3.83	1.87	0.338	0.877	0.2628	8
9	0.2388	0.2318	0.1708	8.07 B	0.654	1.08	0.012	3.84	1.06	0.322	0.883	0.2788	9
10	0.2288	0.2128	0.1488	7.84 B	0.581	0.888	0.012	8.84	0.822	0.281	0.880	0.2878	10
11	0.2328	0.2258	0.1478	8.45 B	0.577	0.848	0.012	18.8	0.578	0.285	0.8008	0.2778	11
12	0.2268	0.2148	0.1858	8.08 B	0.784	0.583	0.022	9.81	0.478	0.257	0.8518	0.2678	12
13	0.2278	0.2178	0.1738	8.53	0.569	0.484	0.027	7.87	0.888	0.306	0.8188	0.2478	13
14	0.2318	0.2088	0.1988	8.81	0.525	0.348	0.014	7.20	0.888	0.303	0.8228	0.2388	14
15	0.2378	0.1958	0.1828	8.14	0.433	0.280	0.011	8.47	0.478	0.300	0.8008	0.2328	15
16	0.2418	0.1878	0.1948	8.31	0.318	0.198	0.010	8.14	0.388	0.284	0.4648	0.2278	16
17	0.2188	0.2018	0.2328	8.25	0.238	0.088	0.011	8.72	0.378	0.280	0.4208	0.2288	17
18	0.2118	0.2078	0.2578	8.00	0.248	0.088	0.011	8.55	0.381	0.304	0.3888	0.2278	18
19	0.2228	0.1668	0.2508	4.32	0.280	0.102	0.011	8.18	0.404	0.328	0.4188	0.2368	19
20	0.1928	0.1808	0.2478	3.78	0.251	0.088	0.021	8.08	0.444	0.350	0.4428	0.2448	20
21	0.1838	0.1898	0.2448	3.27	0.200	0.234	0.014	4.80	0.522	0.278	0.4188	0.2388	21
22	0.2038	0.1738	0.2138	2.85	0.178	0.142	0.012	4.78	0.777	0.273	0.4188	0.2278	22
23	0.2118	0.1818	0.2128	2.41	0.224	0.182	0.010	4.03	0.435	0.301	0.3768	0.2278	23
24	0.2068	0.1898	0.1928	1.87	0.267	0.154	0.008	3.58	0.420	0.351	0.3538	0.2278	24
25	0.1978	0.2048	0.1948	1.59	0.248	0.148	0.007	2.87	0.410	0.405	0.3628	0.2608	25
26	0.1898	0.2118	0.2008	1.21	0.182	0.114	0.008	2.89	0.453	0.418	0.3888	0.2728	26
27	0.1778	0.2108	0.1838	0.988	0.147	0.182	0.008	2.88	0.380	0.424	0.3928	0.2628	27
28	0.2088	0.1878	0.1798	0.820	0.147	0.227	0.010	2.82	0.344	0.471	0.3858	0.2248	28
29	0.1888		0.1908	0.888	0.230	0.310	8.37	2.13	0.380	0.452	0.3898	0.2038	29
30	0.1838		0.2148	0.809	0.354	0.245	7.38	1.83	0.341	0.485	0.3698	0.2088	30
31	0.1888		0.2688		0.370		2.02	1.81		0.534		0.2178	31
TOTAL	8.770	5.382	8.148	121.082	12.677	14.584	16.850	157.18	22.034	11.081	14.798	8.008	TOTAL
MEAN	0.218	0.183	0.188	4.04	0.408	0.485	0.547	5.07	0.734	0.357	0.483	0.258	MEAN
MAX	0.243	0.231	0.259	8.07	0.754	1.45	7.38	18.8	1.87	0.534	0.870	0.388	MAX
MIN	0.177	0.180	0.148	0.323	0.147	0.088	0.008	1.81	0.341	0.257	0.383	0.203	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 18.8 ON AUG 11
MINIMUM DAILY, 0.008 ON JUL 26
MAXIMUM INSTANTANEOUS,
18.2 AT 09:30 MST ON AUG 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 03 20 N
LONG 117 07 42 W
DRAINAGE AREA, 1 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	685	JUL	1 480
FEB	488	AUG	13 800
MAR	531	SEP	1 900
APR	10 500	OCT	957
MAY	1 100	NOV	1 280
JUN	1 280	DEC	692

TOTAL DISCHARGE, 34 300 dam³

HIGHWOOD DIVERSION CANAL NEAR HEADGATES - STATION NO. 05BL025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.001	0.003	1.19	1.74	0.952	0.878	0.730	0.002	---	1
2	---	---	---	0.001E	0.003	1.18	1.71	0.956	0.881	0.726	0.002	---	2
3	---	---	---	0.001E	0.003	1.20	1.69	0.955	0.885	0.724	0.002A	---	3
4	---	---	---	0.001E	0.003	1.20	1.72	0.940	0.888	0.723	---	---	4
5	---	---	---	0.001E	0.385	1.20	1.70	0.931	0.800	0.722	---	---	5
6	---	---	---	0.001E	0.805	1.20	1.70	0.940	0.747	0.725	---	---	6
7	---	---	---	0.001E	0.859	1.21	1.71	0.933	0.749	0.778	---	---	7
8	---	---	---	0.001E	1.01	1.21	1.71	0.936	0.748	0.723	---	---	8
9	---	---	---	0.001E	1.11	1.21	1.70	0.954	0.747	0.723	---	---	9
10	---	---	---	0.001E	1.08	1.20	1.75	0.988	0.749	0.852	---	---	10
11	---	---	---	0.001E	1.11	1.20	1.75	0.988	0.748	0.804	---	---	11
12	---	---	---	0.001E	1.11	1.20	1.74	0.984	0.740	0.808	---	---	12
13	---	---	---	0.001E	1.11	1.21	1.69	0.900	0.734	0.801	---	---	13
14	---	---	---	0.001E	1.10	1.22	1.20	0.919	0.728	0.801	---	---	14
15	---	---	---	0.001E	1.08	1.28	0.956	0.836	0.719	0.800	---	---	15
16	---	---	---	0.002E	1.08	1.31	1.28	0.835	0.715	0.272	---	---	16
17	---	---	---	0.002E	1.08	1.30	1.27	0.832	0.714	0.008	---	---	17
18	---	---	---	0.002E	1.08	1.30	1.28	0.827	0.710	0.008	---	---	18
19	---	---	---	0.002E	1.10	1.37	1.27	0.823	0.705	0.007	---	---	19
20	---	---	---	0.002E	1.12	1.40	1.14	0.818	0.699	0.086	---	---	20
21	---	---	---	0.002E	1.11	1.38	1.14	0.911	0.884	0.181	---	---	21
22	---	---	---	0.002E	1.14	1.43	1.15	0.902	0.892	0.183	---	---	22
23	---	---	---	0.002E	1.17	1.50	1.02	0.906	0.888	0.114	---	---	23
24	---	---	---	0.002E	1.18	1.51	1.02	0.908	0.882	0.072	---	---	24
25	---	---	0.001A	0.002E	1.15	1.50	1.01	0.902	0.889	0.050	---	---	25
26	---	---	0.001	0.002E	1.15	1.48	1.01	0.886	0.707	0.023	---	---	26
27	---	---	0.001	0.002A	1.17	1.51	0.988	0.889	0.724	0.018	---	---	27
28	---	---	0.001	0.002	1.18	1.55	0.886	0.885	0.728	0.007	---	---	28
29	---		0	0.002	1.19	1.58	0.985	0.888	0.731	0.005	---	---	29
30	---		0	0.003	1.19	1.72	0.985	0.881	0.734	0.001	---	---	30
31	---		0.001		1.18		0.978	0.878		0.002		---	31
TOTAL	---	---	---	0.046	28.251	38.88	41.987	28.580	22.350	11.180	---	---	TOTAL
MEAN	---	---	---	0.002	0.944	1.33	1.35	0.921	0.745	0.361	---	---	MEAN
MAX	---	---	---	0.003	1.18	1.72	1.75	0.988	0.889	0.730	---	---	MAX
MIN	---	---	---	0.001	0.003	1.18	0.858	0.878	0.862	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.810
MAXIMUM DAILY, 1.75 ON JUL 10
MINIMUM DAILY, 0.001 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 33 08 N
LONG 113 59 20 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 630
FEB	---	AUG	2 470
MAR	---	SEP	1 930
APR	3.87	OCT	988
MAY	2 830	NOV	---
JUN	3 480	DEC	---

TOTAL DISCHARGE, 15 000 dam³

HIGHWOOD RIVER AT DIESEL'S RANCH - STATION NO. 05BL019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.048	3.07	28.2	15.0	8.38	9.28	6.10	3.87	3.80	---	1
2	---	---	1.988	2.10	28.6	13.8	9.02	8.69	5.90	3.89	3.81	---	2
3	---	---	2.12	2.38	23.7	13.3	8.68	8.28	6.18	3.93	3.78	---	3
4	---	---	2.06	2.89	21.1	13.8	9.04	7.78	5.97	3.80	2.81	---	4
5	---	---	2.20	3.14	21.1	15.7	9.78	7.77	5.76	3.48	2.78A	---	5
6	---	---	2.37	3.71	23.1	17.5	9.68	7.35	5.89	3.41	---	---	6
7	---	---	2.47	3.83	28.6	17.2	8.71	8.83	5.59	3.42	---	---	7
8	---	---	2.36	4.03	32.2	16.7	8.22	8.60	5.31	3.36	---	---	8
9	---	---	2.41	3.88	37.0	16.2	8.11	8.48	5.12	3.33	---	---	9
10	---	---	2.32	3.43	35.8	16.8	9.34	7.83	5.01	3.11	---	---	10
11	---	---	2.27	3.83	33.1	14.8	8.78	11.8	4.88	3.18	---	---	11
12	---	---	2.22	3.20	36.1	14.4	8.33	10.2	4.76	3.18	---	---	12
13	---	---	2.20	3.17	36.0	14.8	7.80	10.8	4.67	3.12	---	---	13
14	---	---	2.13	3.38	30.1	14.8	7.41	12.8	4.80	3.07	---	---	14
15	---	---	2.08	3.83	28.0	14.2	7.08	13.2	4.48	3.18	---	---	15
16	---	1.908	2.10	4.13	28.7	16.1	7.24	12.9	4.47	3.07	---	---	16
17	---	1.868	2.08	4.37	25.8	15.9	7.49	17 3	4.41	3.18	---	---	17
18	---	1.928	2.08	4.36	23.7	13.7	11.2	1 1	4.27	2.81	---	---	18
19	---	1.938	2.11	3.88	22.4	12.8	10.4	10.6	4.20	2.82	---	---	19
20	---	1.848	2.08	3.80	20.4	13.0	18.3	10.1	4.08	2.84	---	---	20
21	---	1.838	2.07	4.08	18.8	12.7	17.7	9.84	3.98	2.88	---	---	21
22	---	1.81	2.04	4.58	17.3	11.8	18.5	9.02	3.89	2.86	---	---	22
23	---	1.88	1.88	4.36	16.0	10.8	18.2	8.88	3.84	2.81	---	---	23
24	---	1.928	1.448	4.17	15.0	8.72	17.9	8.35	3.78	2.87	---	---	24
25	---	1.858	1.838	4.41	14.7	9.08	18.2	8.18	3.74	2.91	---	---	25
26	---	1.458	1.828	4.88	14.8	8.74	14.7	7.88	4.02	2.88	---	---	26
27	---	1.588	1.788	5.71	14.8	9.03	13.1	7.84	4.34	2.84	---	---	27
28	---	1.858	1.788	6.88	15.8	8.80	12.0	7.10	4.04	2.84	---	---	28
29	---		1.808	14.0	16.7	8.42	11.2	8.82	3.88	2.82	---	---	29
30	---		1.808	20.4	16.7	8.49	10.5	8.80	3.70	2.84	---	---	30
31	---		1.948		18.1		10.1	8.32		2.83		---	31
TOTAL	---	---	64.39	144.08	737.4	388.88	384.38	278.88	140.88	88.39	---	---	TOTAL
MEAN	---	---	2.08	4.80	23.8	13.3	11.4	8.00	4.88	3.11	---	---	MEAN
MAX	---	---	2.47	20.4	37.0	18.1	18.8	13.2	8.18	3.87	---	---	MAX
MIN	---	---	1.78	2.07	14.8	8.42	7.08	8.32	3.70	2.81	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.04
MAXIMUM DAILY, 37.0 ON MAY 8
MINIMUM DAILY, 1.788 ON MAR 28
MAXIMUM INSTANTANEOUS,
35.8 AT 02:40 MST ON MAY 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 20 N
LONG 114 28 50 W
DRAINAGE AREA, 774 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	30 600
FEB	---	AUG	24 100
MAR	5 580	SEP	12 100
APR	12 400	OCT	8 330
MAY	63 700	NOV	---
JUN	34 500	DEC	---

TOTAL DISCHARGE, 181 000 dam³

HIGHWOOD RIVER BELOW LITTLE BOW CANAL - STATION NO. 05BL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	2.808	2.008	7.58	27.4	13.1	3.78	6.61	5.58	3.11	2.83	1.30 B	1
2	2.108	2.888	2.808	7.89	33.5	11.8	4.10	8.04	5.20	3.01	2.84	1.48 B	2
3	2.088	2.888	3.188	7.83	26.8	10.6	4.20	7.74	5.61	3.93	2.82	1.38 B	3
4	2.208	2.408	5.468	8.84	24.5	9.50	4.58	7.08	5.82	2.85	3.04	1.53 B	4
5	2.408	2.508	4.888	8.41	22.8	10.3	5.36	6.61	5.88	2.84	3.01	1.80 B	5
6	2.378	2.808	3.888	8.58	23.1	12.2	6.36	6.45	5.01	2.80	2.96	1.26 B	6
7	2.208	2.758	3.448	8.47	28.8	12.8	5.84	5.82	5.85	2.79	2.86	1.25 B	7
8	2.308	2.578	3.088	7.83	29.8	12.3	4.58	5.20	5.58	2.78	2.78	1.47 B	8
9	2.588	2.848	2.818	8.80	34.8	12.2	4.38	4.85	5.27	2.70	2.78	1.32 B	9
10	2.708	2.728	2.808	8.03	36.8	11.8	5.84	5.85	5.03	2.88	2.84	1.21 B	10
11	2.908	2.848	2.388	8.08	32.8	11.2	8.30	8.83	4.84	2.87	2.83	1.00 B	11
12	3.008	2.888	2.508	8.84	31.8	10.2	8.48	10.8	4.38	2.84	2.80	0.8118	12
13	2.708	2.808	2.808	8.30	36.8	10.1	4.88	10.8	4.28	2.86	2.78	0.8288	13
14	2.588	3.188	2.698	8.15	31.4	10.3	4.80	14.0	4.17	2.82	2.73	0.4808	14
15	2.408	3.008	2.818	8.42	27.8	8.83	5.25	17.3	4.00	2.82	2.878	0.4008	15
16	2.308	2.908	2.528	8.84	27.3	12.8	3.84	17.2	3.88	2.88	2.428	0.4828	16
17	2.208	2.808	2.408	8.43	25.8	14.8	4.28	16.1	3.68	3.44	1.888	0.2558	17
18	2.408	2.878	2.528	7.57	23.3	11.3	8.58	14.4	3.67	3.51	1.808	0.8158	18
20	2.408	2.708	3.428	7.03	21.8	8.82	21.4	12.8	3.78	3.28	1.858	0.8178	19
	2.408	2.508	3.278	8.53	20.1	8.88	26.8	11.8	3.84	2.83	2.188	1.28 B	20
21	2.388	2.408	2.318	8.53	18.0	8.74	22.8	10.8	3.48	2.74	1.888	1.44 B	21
22	2.208	2.278	2.008	7.08	18.8	7.87	22.8	10.1	3.34	2.78	1.768	1.81 B	22
23	2.388	2.108	1.808	7.68	16.0	8.88	23.8	8.35	3.26	2.70	1.858	1.88 B	23
24	2.478	1.808	2.218	7.18	13.8	8.78	21.8	8.78	3.17	2.72	1.728	1.47 B	24
25	2.858	1.808	2.888	8.48	13.2	4.88	19.8	8.88	3.11	2.76	1.448	1.28 B	25
26	2.888	1.808	2.548	8.87	12.8	4.28	17.7	8.32	3.43	2.88	1.558	1.36 B	26
27	2.738	1.808	2.208	7.28	12.8	4.31	18.1	7.77	3.80	2.80	1.558	1.88 B	27
28	2.508	2.308	2.108	8.53	13.4	4.78	13.0	7.18	3.78	2.81	1.808	1.80 B	28
30	2.818		2.408	12.7	14.0	4.22	11.7	8.88	3.48	2.78	1.518	1.37 B	29
31	2.458		3.388	20.4	14.3	3.88	10.8	8.83	3.23	2.67	1.508	1.10 B	30
	2.888		4.30		14.1		9.80	8.25		2.88		0.9008	31
TOTAL	78.28	72.38	88.77	230.58	721.2	281.00	326.20	291.78	130.08	88.01	88.88	35.818	TOTAL
MEAN	2.48	2.58	2.80	7.88	23.3	9.37	10.8	9.41	4.34	2.84	2.28	1.16	MEAN
MAX	3.00	3.18	5.48	20.4	36.8	14.8	26.8	17.3	8.01	3.51	3.04	1.88	MAX
MIN	2.08	1.80	1.80	8.15	12.8	3.88	3.78	4.88	3.11	2.82	1.44	0.258	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.80
MAXIMUM DAILY, 36.8 ON MAY 13
MINIMUM DAILY, 0.2558 ON DEC 17
MAXIMUM INSTANTANEOUS,
37.8 AT 12:41 MST ON MAY 13

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 08 N
LONG 113 52 07 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 580	JUL	28 200
FEB	6 280	AUG	25 200
MAR	7 600	SEP	11 200
APR	18 800	OCT	7 800
MAY	82 300	NOV	5 820
JUN	24 300	DEC	3 080

TOTAL DISCHARGE, 208 000 dam³

HIGHWOOD RIVER NEAR ALDERSYDE - STATION NO. 05BL008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.678	5.528	38.0	14.3	4.46	9.72	6.64	3.36	2.95	---	1
2	---	---	1.788	7.888	38.6	12.7	4.28	9.06	6.16	3.25	2.95	---	2
3	---	---	2.088	8.238	32.7	11.8	4.67	8.76	6.44	3.14	2.95	---	3
4	---	---	4.508	9.028	27.3	10.3	4.78	8.12	6.45	3.04	3.04A	---	4
5	---	---	5.048	11.0 B	24.6	10.8	5.64	7.81	6.36	3.01	---	---	5
6	---	---	5.088	9.08	24.5	12.8	6.46	7.28	6.76	2.88	---	---	6
7	---	---	5.438	8.88	27.3	13.6	6.41	8.62	6.76	2.88	---	---	7
8	---	---	4.078	8.08	31.6	13.3	6.31	8.24	6.53	2.88	---	---	8
9	---	---	2.928	7.38	38.0	12.9	4.78	8.98	6.18	2.78	---	---	9
10	---	---	2.618	6.35	40.6	12.6	5.46	8.63	6.01	2.71	---	---	10
11	---	---	2.568	6.13	38.2	12.0	6.73	8.65	6.76	2.86	---	---	11
12	---	---	2.728	6.16	38.2	11.0	8.04	12.1	6.36	2.53	---	---	12
13	---	---	3.188	6.84	40.7	10.6	6.60	11.3	6.18	2.81	---	---	13
14	---	---	2.858	6.30	38.7	10.8	4.89	13.6	6.06	2.46	---	---	14
15	---	---	3.088	6.40	31.6	10.7	6.88	17.2	4.82	2.60	---	---	15
16	---	---	3.068	6.76	30.8	12.1	4.87	17.8	4.58	2.84	---	---	16
17	---	1.868	2.868	6.22	30.0	16.0	4.62	17.0	4.62	3.06	---	---	17
18	---	2.028	2.768	7.30	28.8	12.8	6.17	16.4	4.46	3.29	---	---	18
19	---	1.888	3.038	7.44	24.4	10.8	15.7	13.8	4.37	3.30	---	---	19
20	---	1.838	2.998	6.88	22.6	9.84	27.8	12.7	4.21	2.98	---	---	20
21	---	1.718	2.888	6.66	20.6	8.78	23.4	11.7	4.02	2.84	---	---	21
22	---	1.888	2.788	7.10	18.8	8.02	22.3	11.1	3.88	2.88	---	---	22
23	---	1.638	2.718	7.80	18.8	8.30	24.0	10.4	3.78	2.78	---	---	23
24	---	1.768	2.618	7.67	18.2	8.72	22.4	9.88	3.88	2.88	---	---	24
25	---	1.388	2.678	7.14	14.3	8.81	20.1	8.84	3.80	2.88	---	---	25
26	---	1.228	3.108	7.17	13.8	8.14	18.3	9.28	3.88	2.77	---	---	26
27	---	1.638	2.778	7.32	13.8	6.78	18.1	8.85	4.04	2.82	---	---	27
28	---	2.008	2.808	8.02	14.3	8.81	15.8	8.26	4.18	2.75	---	---	28
29	---		2.408	11.4	14.8	9.06	12.5	7.84	3.87	2.78	---	---	29
30	---		2.748	18.8	16.4	6.81	11.3	7.48	3.83	2.82	---	---	30
31	---		3.888		15.3		10.5	7.06		2.91		---	31
TOTAL	---	---	97.04	233.83	800.9	305.88	333.80	317.17	150.74	88.03	---	---	TOTAL
MEAN	---	---	3.13	7.78	25.8	10.2	10.8	10.2	5.02	2.84	---	---	MEAN
MAX	---	---	5.43	18.8	40.7	16.0	27.8	17.8	6.76	3.36	---	---	MAX
MIN	---	---	1.78	5.30	13.8	6.81	4.28	5.88	3.80	2.46	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 40.7 ON MAY 13
MINIMUM DAILY, 1.768 ON MAR 2
MAXIMUM INSTANTANEOUS,
43.1 AT 18:07 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 58 N
LONG 113 51 23 W
DRAINAGE AREA, 2 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26 800
FEB	---	AUG	27 400
MAR	8 380	SEP	13 000
APR	20 100	OCT	7 610
MAY	69 200	NOV	---
JUN	26 400	DEC	---

TOTAL DISCHARGE, 201 000 dam³

HIGHWOOD RIVER NEAR THE MOUTH - STATION NO. 05BL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.908	4.238	2.658	18.8 B	38.8	18.8	6.88	15.8	11.0	5.72	5.28	3.238	1
2	4.008	3.978	2.778	18.8 B	83.1	17.0	8.54	14.8	10.3	5.58	5.31	2.888	2
3	4.208	3.888	3.218	17.0 B	48.0	16.3	7.80	14.2	11.7	5.47	5.33	3.188	3
4	4.308	3.658	5.138	17.1 B	37.8	13.0	8.25	13.5	11.2	5.36	5.34	2.788	4
5	4.278	3.308	5.358	16.8 B	33.6	13.7	10.1	12.8	10.8	5.36	5.33	3.388	5
6	4.268	3.828	8.608	15.8 B	32.7	16.1	12.4	12.3	11.1	5.28	5.27	3.558	6
7	3.908	4.208	7.338	14.2 B	36.4	17.8	11.8	11.4	11.2	5.18	5.14	3.148	7
8	3.618	4.618	6.488	18.3	41.3	17.4	9.84	10.4	10.7	5.27	4.81	2.288	8
9	3.608	4.298	5.738	13.8	48.8	17.0	8.89	10.0	9.85	5.31	4.81	2.008	9
10	4.008	4.718	3.978	11.5	53.2	16.4	10.7	11.8	8.13	5.16	5.00	1.788	10
11	4.328	4.488	3.898	11.1	48.4	16.0	13.7	16.8	8.51	5.12	5.06	1.838	11
12	4.638	4.638	4.358	10.1	46.0	14.4	12.7	21.8	8.03	5.02	5.08	1.748	12
13	4.428	4.338	5.078	8.73	53.0	13.8	12.0	20.6	7.88	5.04	5.00	1.608	13
14	4.088	4.178	4.728	8.77	48.7	14.4	10.8	25.8	7.82	5.02	4.83	1.458	14
15	3.388	3.888	4.888	9.01	38.7	14.1	10.8	36.8	7.34	5.07	4.88	1.348	15
16	3.208	3.888	4.808	9.78	38.8	17.1	8.83	37.8	7.08	5.06	3.688	1.518	16
17	3.008	3.518	4.618	10.8	38.4	24.5	8.32	34.2	6.84	5.90	3.688	1.718	17
18	2.808	3.758	4.828	13.0	33.2	18.0	11.2	30.4	6.81	6.42	4.068	1.608	18
19	3.438	3.678	4.808	12.7	31.0	15.7	33.0	26.6	6.80	6.22	3.728	1.888	19
20	3.888	3.078	4.448	11.4	29.3	15.0	84.8	23.3	6.47	5.81	3.908	1.818	20
21	4.088	2.878	4.308	12.3	28.2	14.4	45.8	21.1	6.35	5.20	4.028	1.788	21
22	3.648	3.808	3.878	13.8	24.0	13.2	43.8	19.7	6.10	5.30	4.208	1.638	22
23	3.668	3.298	3.888	14.4	21.7	11.8	44.8	18.3	5.86	5.35	4.258	1.788	23
24	3.828	3.438	3.448	13.2	20.0	10.5	38.4	17.2	5.86	4.98	4.208	2.118	24
25	4.038	2.938	3.998	12.8	18.8	8.84	34.8	17.3	5.77	5.21	4.188	2.208	25
26	4.338	2.708	4.918	12.8	18.0	7.86	32.7	16 1	6.31	5.38	4.508	2.108	26
27	4.238	2.578	3.588	13.1	16.2	7.20	27.3	16.1	6.88	5.43	3.828	1.988	27
28	4.238	2.808	3.408	14.8	19.1	8.52	23.0	13.8	7.22	6.38	4.078	2.188	28
29	4.308		3.208	16.8	18.7	7.76	20.8	13.2	8.77	5.38	3.608	2.188	29
30	4.588		3.828	28.8	20.4	7.06	18.8	12.8	8.18	5.30	3.368	1.888	30
31	4.208		7.888		20.1		17.1	11.8		5.28		1.678	31
TOTAL	132.88	104.32	143.87	432.78	1 084.0	423.84	818.08	577.2	243.76	166.47	135.28	88.88	TOTAL
MEAN	3.88	3.73	4.84	14.1	34.8	14.1	20.8	18.8	8.13	5.37	4.51	2.12	MEAN
MAX	4.83	4.83	8.48	28.8	83.2	24.8	84.8	37.8	11.7	8.42	5.34	3.85	MAX
MIN	2.80	2.87	2.88	8.73	18.8	7.08	8.84	10.8	8.77	4.98	3.38	1.34	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 84.8 ON JUL 20
MINIMUM DAILY, 1.348 ON DEC 15
MAXIMUM INSTANTANEOUS,
87.8 AT 08:04 MST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 113 48 13 W
DRAINAGE AREA, 3 990 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	53 800
FEB	9 010	AUG	49 800
MAR	12 400	SEP	21 100
APR	38 500	OCT	14 400
MAY	81 100	NOV	11 700
JUN	36 800	DEC	5 890

TOTAL DISCHARGE, 353 000 dam³

HILDA LAKE NEAR COLD LAKE - STATION NO. 06AC003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	848.787	---	848.707	---	848.707	848.848	---	---	3
4	---	---	848.732	---	---	848.777	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	848.880	---	5
6	---	---	---	---	---	---	---	848.722	---	---	---	---	6
7	---	---	---	---	848.788	---	848.697	---	---	---	---	---	7
8	---	---	---	---	848.787	---	---	---	---	---	---	---	8
9	---	---	---	848.787	---	848.772	---	---	---	---	---	---	9
10	---	---	---	---	848.788	---	848.688	---	---	---	---	---	10
11	---	---	---	---	---	848.787	---	848.717	848.885	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	848.707	---	---	848.820	---	---	13
14	---	---	---	848.788	---	---	---	---	---	---	---	---	14
15	---	---	---	848.788	---	848.752	---	848.887	---	---	---	---	15
16	---	---	---	---	---	---	848.711	---	848.887	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	848.787	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	848.707	---	---	---	---	19
20	---	---	---	848.803	---	848.737	---	---	---	---	---	---	20
21	---	---	---	848.787	---	---	848.707	---	848.877	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	848.737	---	848.704	848.872	---	---	---	23
24	---	---	---	848.808	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	848.717	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	848.783	848.710	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	848.857	---	---	29
30	---	---	---	---	848.788	848.704	---	---	---	---	---	---	30
31	---	---	---	---	---	---	848.708	---	848.882	---	---	---	31
							848.724	---	---	---	---	---	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 31 30 N
LONG 110 24 55 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 79.6 km²

HINES CREEK ABOVE GENRY LAKE - STATION NO. 07PD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.809	0.270	0.086	0.743	0.524	0.086	---	---	1
2	---	---	0B	0 B	0.837	0.862	0.048	1.09	0.448	0.084	---	---	2
3	---	---	0B	0 B	0.808	0.721	0.082	1.18	0.384	0.083	---	---	3
4	---	---	0B	0.0018	0.788	0.789	0.071	1.24	0.288	0.081	---	---	4
5	---	---	0B	0.0078	0.762	0.767	0.083	1.36	0.215	0.081	---	---	5
6	---	---	0B	0.1588	0.774	1.03	0.087	1.42	0.210	0.081	---	---	6
7	---	---	0B	0.2138	0.854	1.28	0.083	1.38	0.212	0.043	---	---	7
8	---	---	0B	0.2898	0.584	0.988	0.080	1.24	0.303	0.040	---	---	8
9	---	---	0B	0.3898	0.528	0.777	0.088	1.32	0.312	0.039	---	---	9
10	---	---	0B	0.5458	0.483	0.833	0.047	1.18	0.303	0.038	---	---	10
11	---	---	0B	0.7808	0.444	0.843	0.118	1.11	0.180	0.037	---	---	11
12	---	---	0B	1.08 B	0.380	0.470	0.108	1.11	0.184	0.038	---	---	12
13	---	---	0B	1.26 B	0.347	0.409	0.084	1.13	0.171	0.036	---	---	13
14	---	---	0B	1.41 B	0.407	0.366	0.087	1.14	0.161	0.037	---	---	14
15	---	---	0B	2.80	0.402	0.328	0.087	1.14	0.168	0.042	---	---	15
16	---	---	0B	2.87	0.407	0.278	0.091	1.11	0.132	0.044	---	---	16
17	---	---	0B	2.67	0.388	0.237	0.093	1.17	0.138	0.048	---	---	17
18	---	---	0B	2.38	0.347	0.222	0.086	1.24	0.121	0.037	---	---	18
19	---	---	0B	2.17	0.283	0.186	0.083	1.30	0.107	0.037	---	---	19
20	---	---	0B	1.84	0.247	0.132	0.080	1.32	0.103	0.038	---	---	20
21	---	---	0B	1.70	0.148	0.133	0.078	1.33	0.088	0.035	---	---	21
22	---	---	0B	1.61	0.134	0.138	0.071	1.23	0.083	0.038	---	---	22
23	---	---	0B	1.40	0.127	0.186	0.086	1.14	0.083	0.036	---	---	23
24	---	---	0B	1.34	0.088	0.284	0.068	1.07	0.078	0.037	---	---	24
25	---	0B	0B	1.18	0.074	0.310	0.080	0.951	0.078	0.030	---	---	25
26	---	0B	0B	1.07	0.088	0.282	0.951	0.884	0.078	0.030	---	---	26
27	---	0B	0B	1.01	0.081	0.148	0.044	0.773	0.073	0.038	---	---	27
28	---	0B	0B	0.838	0.048	0.103	0.080	0.688	0.070	0.027	---	---	28
29	---	---	0B	0.687	0.107	0.102	0.148	0.738	0.087	0.027	---	---	29
30	---	---	0B	0.888	0.140	0.118	0.328	0.844	0.083	0.038	---	---	30
31	---	---	0B		0.188		0.481	0.889		0.034	---	---	31
TOTAL	---	---	0	32.628	11.832	13.888	3.082	33.862	5.083	1.184	---	---	TOTAL
MEAN	---	---	0	1.09	0.381	0.432	0.088	1.09	0.188	0.038	---	---	MEAN
MAX	---	---	0	2.87	0.837	1.28	0.481	1.42	0.824	0.088	---	---	MAX
MIN	---	---	0	0	0.048	0.102	0.044	0.888	0.083	0.028	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.410
MAXIMUM DAILY, 2.87 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS, 3.09 AT 03:30 MST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 20 03 N
LONG 118 15 48 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	288
FEB	---	AUG	2 930
MAR	0	SEP	438
APR	3 840	OCT	102
MAY	1 030	NOV	---
JUN	1 090	DEC	---

TOTAL DISCHARGE, 8 880 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM GRAPH OF OBSERVED READINGS

HINES CREEK NEAR FAIRVIEW - STATION NO. 07FD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.134B	1.27	0.270	0.663E	2.38	0.670	0.032E	---	---	1
2	---	---	0B	1.85 B	1.19	0.310	0.670	1.63	0.610	0.030	---	---	2
3	---	---	0B	2.80 B	1.11	0.310	0.780	1.53	0.390	0.030	---	---	3
4	---	---	0B	4.87 B	1.03	0.310	0.780	0.850	0.780	0.030	---	---	4
5	---	---	0B	4.81 B	0.870	0.350	0.730	0.670	0.730	0.040	---	---	5
6	---	---	0B	5.39 B	0.670	1.11	0.730	0.550	0.550	0.050	---	---	6
7	---	---	0B	5.85	0.780	2.63	0.730	0.430	0.430	0.050	---	---	7
8	---	---	0B	5.02	0.790	3.85	0.850	0.430	0.430	0.050	---	---	8
9	---	---	0B	5.00	0.730	4.21	0.670	0.610	0.430	0.050	---	---	9
10	---	---	0B	11.3	0.670	5.36	0.670	1.19	0.390	0.050	---	---	10
11	---	---	0B	17.0	0.670	5.75	0.550	1.53	0.390	0.090	---	---	11
12	---	---	0B	16.8	0.670	5.05	0.490	1.72	0.350	0.110	---	---	12
13	---	---	0B	14.6	0.610	5.15	0.490	1.63	0.350	0.110	---	---	13
14	---	---	0B	12.2	0.614E	4.95	0.490	1.63	0.350	0.070	---	---	14
15	---	---	0B	11.3	0.610	4.21	0.490	1.27	0.310	0.050	---	---	15
16	---	---	0B	6.10	0.550	3.36	0.490	1.19	0.270	0.040	---	---	16
17	---	---	0B	5.75	0.550	3.23	0.490	1.11	0.230	0.040	---	---	17
18	---	---	0B	4.39	0.490	2.43	0.490	0.950	0.190	0.030	---	---	18
19	---	---	0B	3.67	0.430	1.83	0.463E	0.950	0.190	0.030	---	---	19
20	---	---	0B	3.55	0.350	1.43	0.430	0.950	0.150	0.040	---	---	20
21	---	---	0B	3.38	0.350	1.27	0.430	0.950	0.130	0.050	---	---	21
22	---	---	0B	3.79	0.310	1.20 E	0.350	0.950	0.090	0.030	---	---	22
23	---	---	0B	2.19	0.310	1.11	0.350	1.03 E	0.050	0.030	---	---	23
24	---	---	0B	1.95	0.270	0.870	0.340E	1.27	0.050	0.032E	---	---	24
25	---	0B	0B	1.83	0.270	0.838E	0.350	1.27	0.130	0.030	---	---	25
26	---	0B	0B	1.73	0.258E	0.870	0.352E	1.19	0.040	0.030	---	---	26
27	---	0B	0B	1.83	0.270	0.888E	0.150	1.19	0.040	0.040E	---	---	27
28	---	0B	0B	1.63	0.270	0.950	0.150	1.11	0.040	0.030	---	---	28
29	---		0B	1.43	0.270	0.918E	0.150	1.11	0.050	0.034E	---	---	29
30	---		0B	1.35	0.230	0.870	0.490	1.11	0.030	0.036	---	---	30
31	---		0B		0.270		1.85	0.950		0.040		---	31
TOTAL	---	---	0	168.194	17.940	88.317	17.837	35.100	9.050	1.407	---	---	TOTAL
MEAN	---	---	0	5.81	0.579	2.21	0.575	1.13	0.302	0.045	---	---	MEAN
MAX	---	---	0	17.0	1.27	5.95	1.85	2.38	0.670	0.110	---	---	MAX
MIN	---	---	0	0.134	0.230	0.270	0.150	0.430	0.030	0.030	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 17.0 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
22.4 ON APR 11

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 04 05 N
LONG 118 39 35 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 540
FEB	---	AUG	3 030
MAR	0	SEP	782
APR	14 500	OCT	122
MAY	1 550	NOV	---
JUN	6 730	DEC	---

TOTAL DISCHARGE, 27 300 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

HORSE CREEK NEAR VALLEYVIEW - STATION NO. 07EF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	0.005	0.003	0.002	---	0.009	0.001	0.001B	---	1
2	---	---	---	0.004B	0.006	0.003	0.001	---	0.013	0.001	0.001B	---	2
3	---	---	---	0.018B	0.005	0.002	0.001	---	0.012	0.002	---	---	3
4	---	---	---	0.027B	0.004	0.002	0.001	---	0.008	0.002	---	---	4
5	---	---	---	0.027B	0.003	0.003	0.002	0.216	0.006	0.002	---	---	5
6	---	---	---	0.018B	0.003	0.015	0.001	0.131	0.006	0.002	---	---	6
7	---	---	---	0.013B	0.003	0.008	0.001	0.080	0.004	0.001	---	---	7
8	---	---	---	0.009B	0.002	0.005	0.001	0.060	0.004	0.001	---	---	8
9	---	---	---	0.007B	0.002	0.003	0.001	0.048	0.006	0.001	---	---	9
10	---	---	---	0.013B	0.002	0.003	0.001	0.087	0.005	0.001	---	---	10
11	---	---	---	0.018B	0.002E	0.003	0.001	0.046	0.004	0.001	---	---	11
12	---	---	---	0.018B	0.002E	0.003	0.001	0.051	0.003	0.001	---	---	12
13	---	---	---	0.018B	0.002E	0.002	0	0.044	0.003	0.001	---	---	13
14	---	---	---	0.011B	0.002E	0.002	0	0.031	0.003	0.001	---	---	14
15	---	---	---	0.018B	0.002E	0.003	0	0.025	0.003	0.001	---	---	15
16	---	---	---	0.017B	0.002E	0.002	0.001	0.020	0.003	0.001	---	---	16
17	---	---	---	0.013B	0.002E	0.002	0.001	0.031	0.002	0.001	---	---	17
18	---	---	---	0.010B	0.002E	0.001	0.001	0.021	0.002	0.001	---	---	18
19	---	---	---	0.008B	0.030E	0.001	0	0.017	0.003	0.001B	---	---	19
20	---	---	---	0.008B	0.011	0.002	0	0.025	0.002	0.001B	---	---	20
21	---	---	---	0.008B	0.008	0.018	0	0.025	0.003	0.001B	---	---	21
22	---	---	---	0.008B	0.008	0.018	0	0.019	0.003	0.001B	---	---	22
23	---	---	---	0.008B	0.008	0.010	0	0.016	0.002	0.001B	---	---	23
24	---	---	---	0.008B	0.005	0.010	0	0.013	0.002	0.001B	---	---	24
25	---	---	---	0.008B	0.004	0.007	0	0.010	0.001	0.001B	---	---	25
26	---	---	---	0.008B	0.004	0.005	0	0.008	0.001	0.001B	---	---	26
27	---	---	---	0.008B	0.003	0.005	0	0.007	0.002	0.001B	---	---	27
28	---	---	---	0.008B	0.003	0.004	0.001	0.008	0.001	0.001B	---	---	28
29	---		---	0.005	0.006	0.005	0.007	0.007	0.001	0.001B	---	---	29
30	---		---	0.005	0.005	0.002	0.004	0.008	0.001	0.001B	---	---	30
31	---		---		0.005		0.034	0.008		0.001B		---	31
TOTAL	---	---	---	0.333	0.144	0.151	0.083	---	0.117	0.035	---	---	TOTAL
MEAN	---	---	---	0.011	0.005	0.005	0.002	---	0.004	0.001	---	---	MEAN
MAX	---	---	---	0.027	0.030	0.018	0.034	---	0.013	0.002	---	---	MAX
MIN	---	---	---	0	0.002	0.001	0	---	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 19 N
LONG 117 46 47 W
DRAINAGE AREA, 4.37 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.44
FEB	---	AUG	---
MAR	---	SEP	10.1
APR	28.8	OCT	3.02
MAY	13.4	NOV	---
JUN	13.0	DEC	---

HOUSE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4770	0.6360	5.32	8.94	4.62	2.18	2.33	1.37	0.6828	---	1
2	---	---	0.4770	0.6708	5.37	8.36	4.69	2.18	2.28	1.37	0.3888	---	2
3	---	---	0.4770	0.7038	5.37	9.40	4.63	2.18	2.18	1.32	0.3308	---	3
4	---	---	0.4770	0.7800	5.61	8.88	4.19	2.11	2.18	1.28	0.2878	---	4
5	---	---	0.4770	0.8838	5.32	10.2	3.86	2.07	2.08	1.28	---	---	5
6	---	---	0.4770	1.21 B	5.38	10.8	3.74	2.02	2.00	1.23	---	---	6
7	---	---	0.4770	1.88 B	5.21	11.8	3.53	2.02	1.92	1.23	---	---	7
8	---	---	0.4770	3.81 B	4.84	11.8	3.36	1.93	1.85	1.22	---	---	8
9	---	---	0.4770	3.98 B	4.72	12.3	3.19	1.86	1.84	1.21	---	---	9
10	---	---	0.4770	2.80 B	4.67	12.4	2.87	2.27	1.77	1.17	---	---	10
11	---	---	0.4770	2.88 B	4.48	12.2	2.78	3.28	1.73	1.17	---	---	11
12	---	---	0.4770	2.80 B	4.48	11.8	2.88	4.30	1.71	1.18	---	---	12
13	---	---	0.4770	2.88 B	4.31	11.8	2.80	4.88	1.70	1.18	---	---	13
14	---	---	0.4770	2.80 B	4.24	11.1	2.48	5.14	1.70	1.14	---	---	14
15	---	---	0.4770	2.84 B	4.18	10.8	2.44	5.18	1.72	1.13	---	---	15
16	---	---	0.4770	3.17 B	4.03	10.2	2.34	5.05	1.88	1.11	---	---	16
17	---	---	0.4770	3.37 B	3.82	8.78	2.28	4.81	1.88	1.10	---	---	17
18	---	---	0.4770	3.81 B	3.87	8.38	2.18	4.88	1.88	1.09	---	---	18
19	---	---	0.4770	4.81 B	4.84	8.00	2.11	4.38	1.70	1.08 B	---	---	19
20	---	---	0.4770	4.33 B	5.50	8.88	2.04	4.18	1.81	0.9918	---	---	20
21	---	---	0.4770	4.78 B	5.88	8.08	1.98	4.07	1.80	0.9678	---	---	21
22	---	---	0.4770	4.87 B	5.08	7.82	1.90	3.81	1.84	0.8108	---	---	22
23	---	---	0.4770	5.31 B	6.11	7.08	1.90	3.74	1.82	0.8808	---	---	23
24	---	---	0.4770	5.17 B	5.88	6.77	1.78	3.81	1.81	1.13 B	---	---	24
25	---	0.4770	0.4770	4.88 B	5.82	8.50	1.70	3.40	1.48	0.9048	---	---	25
26	---	0.4770	0.4770	4.88	5.76	8.10	1.78	3.31	1.48	0.7878	---	---	26
27	---	0.4770	0.4770	4.98	5.46	8.78	1.88	3.28	1.47	0.7748	---	---	27
28	---	0.4770	0.4770	5.08	5.38	8.34	2.08	3.08	1.44	0.7378	---	---	28
29	---	---	0.4770	5.18	5.44	4.88	2.11	2.93	1.42	0.8588	---	---	29
30	---	---	0.5408	5.20	5.61	4.84	2.05	2.72A	1.43	0.8528	---	---	30
31	---	---	0.5188		6.18		2.03	2.60		0.8048		---	31
TOTAL	---	---	14.989	88.321	159.14	270.88	83.63	102.91	52.18	32.648	---	---	TOTAL
MEAN	---	---	0.484	3.31	5.13	9.03	2.69	3.32	1.74	1.05	---	---	MEAN
MAX	---	---	0.814	5.31	6.18	12.4	4.62	5.18	2.33	1.37	---	---	MAX
MIN	---	---	0.477	0.635	3.82	4.80	1.70	1.85	1.42	0.804	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.33
MAXIMUM DAILY, 12.4 ON JUN 10
MINIMUM DAILY, 0.4770 ON MAR 1
MAXIMUM INSTANTANEOUS,
12.5 A AT 22:18 MST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 30 N
LONG 112 09 25 W
DRAINAGE AREA, 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 210
FEB	---	AUG	6 390
MAR	1 300	SEP	4 810
APR	8 580	OCT	2 810
MAY	13 700	NOV	---
JUN	23 400	DEC	---

TOTAL DISCHARGE, 70 400 dam³

ISEGUN RIVER NEAR LITTLE SMOKY - STATION NO. 07EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6208	2.808	4.82	8.10	1.88	1.88	4.02	2.21	---	---	1
2	---	---	0.7808	3.828	5.87	8.47	1.88	3.88	4.43	2.01	---	---	2
3	---	---	0.7808	3.288	7.27	8.83	1.82	7.08	7.87	1.82	---	---	3
4	---	---	0.7808	3.188	8.84	8.05	1.38	8.42	19.1	1.83	---	---	4
5	---	---	0.7108	3.488	8.83	8.48	1.28	8.73	17.8	2.82	---	---	5
6	---	---	0.7108	3.938	8.08	8.74	1.10	7.91	14.0	5.11	---	---	6
7	---	---	0.8808	6.478	8.44	8.81	1.01	7.05	11.1	4.78	---	---	7
8	---	---	0.8708	11.4 B	7.88	8.88	1.01	8.88	9.38	4.00	---	---	8
9	---	---	0.8408	12.8 B	7.00	8.23	0.888	4.43	8.18	3.80	---	---	9
10	---	---	0.8408	13.2 B	8.44	8.00	1.18	4.10	7.45	3.08	---	---	10
11	---	---	0.8108	12.8 B	8.00	8.83	1.48	4.32	7.48	2.80	---	---	11
12	---	---	0.8408	11.7 B	8.82	8.83	1.48	7.82	8.71	2.83	---	---	12
13	---	---	0.8808	12.7 B	8.37	8.27	1.23	8.73	8.18	2.38	---	---	13
14	---	---	0.7108	12.8	8.02	8.13	0.867	7.81	8.83	2.12	---	---	14
15	---	---	0.7348	13.8	4.88	4.28	0.717	8.88	7.04	2.00	---	---	15
16	---	---	0.8148	11.4	8.11	3.84	0.672	8.34	7.88	1.83	---	---	16
17	---	---	0.8888	10.8	8.07	3.18	0.704	4.84	8.08	1.73	---	---	17
18	---	---	0.8788	8.88	8.11	2.74	0.672	4.18	8.81	1.87	---	---	18
19	---	---	0.8608	8.88	8.78	3.43	2.20	4.82	7.44	1.84	---	---	19
20	---	---	0.9008	8.07	8.33	2.28	2.01	8.24	8.88	1.80	---	---	20
21	---	---	0.8178	7.83	12.7	2.88	1.88	8.40	8.82	1.84	---	---	21
22	---	---	0.8328	8.78	12.7	3.88	1.38	18.8	8.18	1.84	---	---	22
23	---	0.8408	0.8248	8.82	11.7	8.14	1.24	18.0	4.88	1.33	---	---	23
24	---	0.8508	0.8888	8.80	10.8	8.84	1.08	14.8	4.28	1.22	---	---	24
25	---	0.8408	0.8378	8.18	8.74	4.88	0.838	11.4	3.83	1.288	---	---	25
26	---	0.8508	0.8188	4.88	8.83	4.04	1.11	8.21	3.84	1.248	---	---	26
27	---	0.8508	0.8068	4.78	7.88	3.81	1.02	7.38	3.28	1.208	---	---	27
28	---	0.8408	0.8988	4.82	7.08	3.83	1.78	8.81	2.84	1.208	---	---	28
29	---		0.8148	4.31	7.43	3.31	1.80	8.02	2.81	1.188	---	---	29
30	---		1.04 B	4.44	8.20	3.10	1.88	4.81	3.48	1.208	---	---	30
31	---		1.34 B		10.1		1.88	4.37		1.338		---	31
TOTAL	---	---	28.388	230.88	238.18	145.00	48.710	224.88	213.88	88.88	---	---	TOTAL
MEAN	---	---	0.818	7.70	7.73	4.83	1.31	7.28	7.13	2.13	---	---	MEAN
MAX	---	---	1.34	13.2	12.7	8.10	2.20	18.8	18.1	5.11	---	---	MAX
MIN	---	---	0.810	3.80	4.83	2.10	0.672	1.88	3.48	1.18	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.84
MAXIMUM DAILY, 18.8 ON AUG 22
MINIMUM DAILY, 0.8108 ON MAR 11
MAXIMUM INSTANTANEOUS,
21.0 A AT 10:30 MST ON AUG 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 44 43 N
LONG 117 09 04 W
DRAINAGE AREA, 1 950 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 520
FEB	---	AUG	18 400
MAR	2 180	SEP	18 800
APR	20 000	OCT	8 870
MAY	20 700	NOV	---
JUN	12 800	DEC	---

TOTAL DISCHARGE, 103 000 dam³

IRON CREEK NEAR HARDISTY - STATION NO. 05FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0785	1.78 E	0.381	0.058	0.008	0	0.001	---	---	1
2	---	---	0.0028	0.2405	1.58 E	0.328	0.057	0.011	0	0.002	---	---	2
3	---	---	0.0028	0.8478	1.50 E	0.131	0.060	0.005	0	0.002	---	---	3
4	---	---	0.0028	1.08 B	1.56 E	0.087	0.057	0.007	0	0.004	---	---	4
5	---	---	0.0028	2.00 B	1.50 E	0.026	0.078	0.017	0	0.004	---	---	5
6	---	---	0.0028	4.66 B	1.42 E	0.018	0.067	0.021	0	0.003	---	---	6
7	---	---	0.0028	6.13 B	1.18 E	0.035	0.062	0.008	0	0.003	---	---	7
8	---	---	0.0028	7.72 B	0.880E	0.035	0.065	0.003	0	0.003	---	---	8
9	---	---	0.0028	9.43 B	0.915E	0.037	0.049	0.018	0	0.003	---	---	9
10	---	---	0.0028	11.1 B	0.905E	0.036	0.044	0.036	0	0.004	---	---	10
11	---	---	0.0028	11.1	0.885E	0.036	0.038	0.036	0	0.003	---	---	11
12	---	---	0.0028	9.56	0.850E	0.035	0.033	0.036	0	0.003	---	---	12
13	---	---	0.0028	8.62	0.885E	0.035	0.030	0.035	0	0.003	---	---	13
14	---	---	0.0028	7.43	0.850E	0.015	0.036	0.035	0	0.002	---	---	14
15	---	---	0.0028	6.39	0.765E	0.012	0.030	0.035	0	0.002	---	---	15
16	---	---	0.0028	5.61	0.885E	0.008	0.038	0.040	0	0.002	---	---	16
17	---	---	0.0028	4.85	0.895E	0.004	0.042	0.031	0	0.002	---	---	17
18	---	---	0.0028	4.52	0.870E	0.003	0.032	0.027	0	0.002	---	---	18
19	---	---	0.0028	4.39	0.820E	0.003	0.036	0.028	0	0.003	---	---	19
20	---	---	0.0028	3.81	0.600E	0.006	0.028	0.028	0	0.006	---	---	20
21	---	---	0.0028	3.81	0.470E	0.018	0.035	0.018	0	0.008	---	---	21
22	---	---	0.0028	3.14	0.430E	0.018	0.038	0.006	0	0.008	---	---	22
23	---	---	0.0028	2.68	0.400E	0.025	0.033	0.002	0	0.004	---	---	23
24	---	---	0.0028	2.75 A	0.375E	0.007	0.044	0.001	0	0.006	---	---	24
25	---	---	0.0028	2.80 E	0.348E	0.004	0.033	0.001	0	0.006	---	---	25
26	---	---	0.0028	3.46 E	0.330E	0.002	0.017	0.001	0	0.009	---	---	26
27	---	---	0.0028	3.37 E	0.284A	0.003	0.008	0.001	0	0.0078	---	---	27
28	---	---	0.0038	3.28 E	0.238	0.006	0.003	0.002	0	0.0068	---	---	28
29	---		0.0068	3.18 E	0.208	0.017	0.001	0.008	0	0.0068	---	---	29
30	---		0.0148	2.00 E	0.828	0.042	0.001	0.003	0	0.0058	---	---	30
31	---		0.0388		0.882		0.003	0.001		0.0048		---	31
TOTAL	---	---	0.117	137.735	24.885	1.274	1.214	0.472	0	0.130	---	---	TOTAL
MEAN	---	---	0.004	4.59	0.803	0.042	0.039	0.015	0	0.004	---	---	MEAN
MAX	---	---	0.039	11.1	1.78	0.381	0.067	0.040	0	0.009	---	---	MAX
MIN	---	---	0.001	0.078	0.208	0.002	0.001	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.877
MAXIMUM DAILY, 11.18 ON APR 10
MINIMUM DAILY, 0 ON SEP 1
MAXIMUM INSTANTANEOUS,
12.1 AT 16:46 MST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 42 28 N
LONG 111 16 36 W
DRAINAGE AREA, 3 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	105
FEB	---	AUG	40.6
MAR	10.1	SEP	0
APR	11 900	OCT	11.2
MAY	2 180	NOV	---
JUN	110	DEC	---

TOTAL DISCHARGE, 14 300 dam³

IRON CREEK NEAR VIKING - STATION NO. 05FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1328	0.041	0	0	0	0	0	---	---	1
2	---	---	0 B	0.3048	0.038	0	0	0.001	0	0	---	---	2
3	---	---	0 B	0.4288	0.030	0	0	0	0.006	0	---	---	3
4	---	---	0 B	1.16 B	0.023	0	0	0	0.001	0	---	---	4
5	---	---	0 B	1.78 B	0.017	0	0	0.003	0	0	---	---	5
6	---	---	0 B	2.24 B	0.013	0	0	0	0.004	0	---	---	6
7	---	---	0 B	1.90	0.010	0	0	0	0.004	0	---	---	7
8	---	---	0 B	2.08	0.008	0	0	0	0.004	0	---	---	8
9	---	---	0 B	1.44	0.007	0	0	0	0.003	0	---	---	9
10	---	---	0 B	0.971	0.007	0	0	0	0.003	0	---	---	10
11	---	---	0 B	0.783	0.006	0	0	0.001	0.002	0	---	---	11
12	---	---	0 B	0.631	0.006	0	0	0	0.002	0	---	---	12
13	---	---	0 B	0.539	0.005	0	0	0	0.001	0	---	---	13
14	---	---	0 B	0.438	0.004	0	0	0	0.001	0	---	---	14
15	---	---	0 B	0.294	0.004	0	0	0	0.001	0	---	---	15
16	---	---	0 B	0.202	0.004	0	0	0	0	0	---	---	16
17	---	---	0 B	0.165	0.003	0	0	0	0	0	---	---	17
18	---	---	0 B	0.159	0.003	0	0	0	0	0	---	---	18
19	---	---	0 B	0.205	0.004	0	0	0	0	0	---	---	19
20	---	---	0 B	0.214	0.003	0	0	0.002	0	0	---	---	20
21	---	---	0 B	0.167	0.003	0	0	0.001	0	0	---	---	21
22	---	---	0 B	0.150	0.003	0	0	0	0	0	---	---	22
23	---	---	0 B	0.148	0.002	0	0	0	0	0	---	---	23
24	---	---	0 B	0.109	0.002	0	0	0	0	0	---	---	24
25	---	---	0 B	0.084	0.002	0	0	0	0	0	---	---	25
26	---	---	0 B	0.087	0.002	0	0	0	0	0	---	---	26
27	---	---	0 B	0.080	0.001	0	0	0	0	0	---	---	27
28	---	---	0.0018	0.084	0.001	0	0	0	0	0	---	---	28
29	---		0.0028	0.061	0		0	0	0	0B	---	---	29
30	---		0.0228	0.048	0	0	0	0	0	0B		---	30
31	---		0.0548		0		0	0		0B		---	31
TOTAL	---	---	0.079	16.979	0.249	0	0	0.008	0.033	0	---	---	TOTAL
MEAN	---	---	0.003	0.566	0.008	0	0	0	0.001	0	---	---	MEAN
MAX	---	---	0.054	2.24	0.041	0	0	0.003	0.006	0	---	---	MAX
MIN	---	---	0	0.048	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 2.240 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.710 AT 22:03 MST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 56 N
LONG 111 54 07 W
DRAINAGE AREA, 121 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.89
MAR	5.63	SEP	2.76
APR	1 470	OCT	0
MAY	21.6	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 500 dam³

ISLE LAKE AT EUREKA BEACH - STATION NO. 05EA003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	729.832	729.868	---	729.868	729.882	729.736	729.868	---	---	1
2	---	---	---	---	729.866	---	729.880	729.816	---	729.866	---	---	2
3	---	---	---	---	729.856	729.866	729.868	729.821	729.727	729.862	---	---	3
4	---	---	---	---	729.866	729.863	729.847	729.823	729.726	---	729.810	---	4
5	---	---	---	---	---	729.891	729.849	729.874	729.722	---	---	---	5
6	---	---	---	---	729.849	729.881	729.881	729.706	---	---	---	---	6
7	---	---	---	---	729.847	729.880	729.884	729.732	729.701	729.866	---	---	7
8	---	---	---	729.706	729.868	729.874	729.868	729.741	729.709	---	---	---	8
9	---	---	---	---	---	729.879	---	729.746	729.712	729.848	---	---	9
10	---	---	---	---	729.836	729.883	729.866	729.762	729.706	729.844	---	---	10
11	---	---	---	---	729.841	729.881	729.868	---	729.704	729.840	---	---	11
12	---	---	---	---	729.835	729.868	729.846	729.750	729.703	729.836	---	---	12
13	---	---	---	---	729.836	---	729.862	729.762	729.701	729.836	---	---	13
14	---	---	---	729.704	729.820	729.868	729.841	729.748	---	729.830	---	---	14
15	---	---	---	---	729.819	729.873	729.837	729.762	729.892	729.836	---	---	15
16	---	---	---	---	729.818	729.868	729.836	729.748	---	---	---	---	16
17	---	---	---	---	729.811	729.866	729.826	729.746	729.891	729.836	---	---	17
18	---	---	---	---	---	729.868	729.836	729.741	729.889	---	---	---	18
19	---	---	---	---	---	729.865	729.841	729.739	729.884	729.816	---	---	19
20	---	---	---	---	729.817	729.865	729.836	729.762	729.886	---	729.806	---	20
21	---	---	---	---	729.821	729.868	---	729.744	729.884	---	---	---	21
22	---	---	---	---	729.815	729.876	729.844	729.732	729.883	---	---	---	22
23	---	---	---	---	729.814	729.874	729.840	729.736	729.883	---	---	---	23
24	---	---	729.822	---	729.816	729.877	729.840	729.727	729.882	729.810	---	---	24
25	---	729.818	---	---	729.817	729.867	729.832	729.740	729.880	729.826	---	---	25
26	---	---	---	---	729.813	729.866	729.844	729.736	---	---	---	---	26
27	---	---	---	---	729.811	729.870	729.848	729.722	729.878	---	---	---	27
28	---	---	---	---	---	729.866	729.844	729.733	729.876	729.830	---	---	28
29	---		---	729.888	729.808	729.868	729.848	---	729.870	729.818	---	---	29
30	---		---	729.884	729.817	729.867	729.866	729.732	729.884	729.818	---	---	30
31	---		---		729.817		729.862	729.726		729.816		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 37 23 N
LONG 114 42 01 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 278 km²

JACKFISH CREEK NEAR LA COREY - STATION NO. 05AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0378	0.0888	1.18	0.339	0.024	0.003	0.005	0.001	0.001	---	1
2	---	---	0.0378	0.1888	1.07	0.349	0.024	0.004	0.003	0.001	0.001	---	2
3	---	---	0.0378	0.3138	0.979	0.319	0.021	0.002	0.002	0.001	0.001	---	3
4	---	---	0.0388	0.4818	0.818	0.288	0.019	0.003	0.002	0.001	0.001A	---	4
5	---	---	0.0388	0.7108	0.884	0.271	0.007	0.002	0.001	0.001	---	---	5
6	---	---	0.0388	1.04 B	0.814	0.267	0.013	0.002	0.001	0.001	---	---	6
7	---	---	0.0408	1.48 B	0.763	0.234	0.012	0.001	0.001	0.001	---	---	7
8	---	---	0.0418	1.34 B	0.744	0.238	0.038	0.001	0.001	0.001	---	---	8
9	---	---	0.0428	1.38 B	0.711	0.208	0.104	0.001	0.001	0.001	---	---	9
10	---	---	0.0428	1.37 B	0.878	0.187	0.104	0.003	0.001	0.001	---	---	10
11	---	---	0.0438	1.44 B	0.828	0.168	0.088	0.032	0.001	0.001	---	---	11
12	---	---	0.0438	1.62 B	0.827	0.139	0.043	0.033	0.001	0.001	---	---	12
13	---	---	0.0438	1.86 B	0.822	0.108	0.028	0.032	0.001	0.001	---	---	13
14	---	---	0.0458	1.81 B	0.890	0.083	0.018	0.018	0.001	0.001	---	---	14
15	---	---	0.0458	2.00 B	0.870	0.082	0.004	0.008	0.001	0.001	---	---	15
16	---	---	0.0488	2.25 B	0.818	0.083	0.001	0.004	0.001	0.001	---	---	16
17	---	---	0.0488	2.36 B	0.830	0.104	0.001	0.006	0.001	0.001	---	---	17
18	---	---	0.0488	2.10	0.884	0.080	0.001	0.001	0.001	0.001	---	---	18
19	---	---	0.0508	2.07	0.880	0.077	0.001	0.003	0.001	0.001	---	---	19
20	---	---	0.0518	2.04	0.888	0.068	0.001	0.010	0.001	0.001	---	---	20
21	---	---	0.0528	2.04	0.848	0.073	0.002	0.018	0.001	0.001	---	---	21
22	---	---	0.0548	2.00	0.481	0.068	0.001	0.012	0.001	0.001	---	---	22
23	---	---	0.0568	1.88	0.481	0.048	0.001	0.008	0.001	0.001	---	---	23
24	---	---	0.0578	1.77	0.476	0.035	0.001	0.003	0.001	0.001	---	---	24
25	---	---	0.0588	1.66	0.480	0.033	0.001	0.002	0.001	0.001	---	---	25
26	---	---	0.0588	1.58	0.464	0.032	0.001	0.002	0.001	0.001	---	---	26
27	---	---	0.0648	1.47	0.427	0.021	0.001	0.008	0.001	0.001	---	---	27
28	---	---	0.0658	1.41	0.428	0.028	0.001	0.021	0.001	0.001	---	---	28
29	---		0.0658	1.32	0.408	0.014	0.001	0.034	0.001	0.001	---	---	29
30	---		0.0648	1.18	0.388	0.021	0.001	0.022	0.001	0.001	---	---	30
31	---		0.0658		0.372		0.004	0.006		0.001		---	31
TOTAL	---	---	1.514	43.926	18.485	4.029	0.536	0.280	0.036	0.031	---	---	TOTAL
MEAN	---	---	0.048	1.42	0.826	0.134	0.017	0.009	0.001	0.001	---	---	MEAN
MAX	---	---	0.066	2.36	1.18	0.349	0.104	0.033	0.005	0.001	---	---	MAX
MIN	---	---	0.037	0.088	0.372	0.014	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 3.388 ON APR 17
MINIMUM DAILY, 0.001 ON JUL 18
MAXIMUM INSTANTANEOUS,
3.218 AT 07:26 MST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 30 N
LONG 110 41 10 W
DRAINAGE AREA, 498 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	46.3
FEB	---	AUG	28.1
MAR	131	SEP	3.28
APR	3 800	OCT	3.68
MAY	1 880	NOV	---
JUN	348	DEC	---

TOTAL DISCHARGE, 6 040 dam³

JACKFISH RIVER BELOW CHRISTINA LAKE - STATION NO. 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.10 B	1.428	7.03	4.18	2.89	1.81	0.854	0.471	0.3068	---	1
2	---	---	1.12 B	1.788	6.88	4.82	2.90	1.82	0.837	0.508	0.2938	---	2
3	---	---	1.13 B	1.738	6.80	4.80	2.73	1.47	0.800	0.516	0.2858	---	3
4	---	---	1.14 B	1.308	6.80	4.88	2.84	1.44	0.782	0.478	0.3058	---	4
5	---	---	1.20 B	1.278	6.78	5.17	2.87	1.38	0.788	0.448	0.3158	---	5
6	---	---	1.18 B	1.488	6.78	5.47	2.48	1.28	0.888	0.451	---	---	6
7	---	---	1.04 B	1.378	6.88	5.73	2.42	1.20	0.858	0.443	---	---	7
8	---	---	0.8848	1.488	6.23	6.08	2.37	1.11	0.712	0.382	---	---	8
9	---	---	0.7408	1.988	6.31	6.48	2.38	1.10	0.808	0.388	---	---	9
10	---	---	0.8708	2.188	6.18	6.88	2.28	1.23	0.808	0.408	---	---	10
11	---	---	0.8308	2.008	6.07	6.47	2.21	1.30	0.807	0.388	---	---	11
12	---	---	0.8008	2.238	5.72	6.48	2.18	1.31	0.781	0.390	---	---	12
13	---	---	0.8308	2.808	5.38	6.68	2.11	1.13	0.787	0.314	---	---	13
14	---	---	0.7008	3.47	5.60	5.98	2.08	1.17	0.718	0.334	---	---	14
15	---	---	0.8008	3.70	6.03	5.84	1.88	1.18	0.718	0.360	---	--	15
16	---	---	0.8858	4.18	4.84	5.48	1.80	1.18	0.708	0.382	---	---	16
17	---	---	1.17 B	4.88	4.80	5.10	1.68	1.13	0.858	0.338	---	---	17
18	---	---	1.43 B	5.08	4.82	4.87	1.63	1.07	0.878	0.320	---	---	18
19	---	---	1.52 B	5.42	4.84	4.62	1.60	1.08	0.867	0.322	---	---	19
20	---	---	1.78 B	5.87	4.70	4.30	1.78	1.08	0.874	0.318	---	---	20
21	---	---	2.25 B	6.18	4.77	4.18	1.70	1.01	0.882	0.324	---	---	21
22	---	---	2.60 B	6.30	4.78	3.88	1.68	0.952	0.828	0.313	---	---	22
23	---	---	2.71 B	6.54	---	3.70	1.88	0.953	0.808	0.318	---	---	23
24	---	---	2.70 B	6.62	4.62	3.48	1.88	0.928	0.821	0.3208	---	---	24
25	---	---	2.63 B	6.88	4.50	3.45	1.72	0.940	0.818	0.3178	---	---	25
26	---	---	2.15 B	6.98	4.60	3.38	1.88	0.913	0.808	0.2888	---	--	26
27	---	---	1.81 B	7.28	4.34	3.22	1.84	0.918	0.887	0.2838	---	---	27
28	---	---	1.84 B	7.28	4.30	3.05	1.78	0.908	0.838	0.2818	---	---	28
29	---		1.82 B	7.25	4.33	2.98	1.87	0.843	0.838	0.3018	---	---	29
30	---		1.81 B	7.11	4.38	3.07	1.87	0.843	0.828	0.3048	---	---	30
31	---		1.28 B		4.32		1.87	0.881		0.3028		---	31
TOTAL	---	---	42.588	133.89	167.11	143.42	83.94	34.803	20.803	11.313	---	---	TOTAL
MEAN	---	---	1.37	4.13	5.38	4.78	2.08	1.12	0.687	0.365	---	---	MEAN
MAX	---	---	2.71	7.28	7.03	6.88	2.90	1.81	0.854	0.518	---	---	MAX
MIN	---	---	0.800	1.27	4.30	2.98	1.84	0.842	0.635	0.283	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 7.28 ON APR 26
MINIMUM DAILY, 0.2838 ON OCT 27
MAXIMUM INSTANTANEOUS,
7.43 AT 17:33 MST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 40 25 N
LONG 111 05 00 W
DRAINAGE AREA, 1 290 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 530
FEB	---	AUG	3 010
MAR	3 660	SEP	1 810
APR	10 700	OCT	977
MAY	14 400	NOV	---
JUN	12 400	DEC	---

TOTAL DISCHARGE, 52 500 dam³

JACKPINE CREEK AT WADLIN LAKE ROAD - STATION NO 07JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0058	0.0108	11.4	2.58	1.38	1.12	1.02	0.810E	---	---	1
2	---	---	0.0058	0.0108	11.3	2.78	1.38	0.88	1.00	0.741A	---	---	2
3	---	---	0.0058	0.0108	10.8	2.88	1.43	0.79	1.07	0.800E	---	---	3
4	---	---	0.0058	0.0108	10.2	2.81	1.48	18.3	1.07 A	0.780E	---	---	4
5	---	---	0.0058	0.0108	9.28	2.78	1.37	46.5	1.02 E	0.800E	---	---	5
6	---	---	0.0058	0.0208	8.37	3.08	1.28	41.8	0.950E	0.850E	---	---	6
7	---	---	0.0058	0.0308	7.84	4.28	1.38	33.8	0.880E	1.20 E	---	---	7
8	---	---	0.0058	0.0158	8.80	4.62	1.80	28.0	0.800E	1.41 A	---	---	8
9	---	---	0.0058	0.0258	8.18	4.44	1.38	18.7	0.740E	1.47 E	---	---	9
10	---	---	0.0058	0.0348	8.81	4.85	1.18	13.8	0.890E	1.87 E	---	---	10
11	---	---	0.0058	0.0308	8.48	4.80	1.04	9.75	0.840E	1.85 E	---	---	11
12	---	---	0.0058	0.0808	8.44	4.88	0.904	7.84	0.810E	2.00 E	---	---	12
13	---	---	0.0058	0.2008	8.48	4.37	0.817	8.85	0.885E	2.20 E	---	---	13
14	---	---	0.0058	1.81 B	8.12	3.88	0.788	5.75	0.880A	2.18 E	---	---	14
15	---	---	0.0108	8.02 B	4.87	3.37	0.818	5.08	0.808A	2.18 E	---	---	15
16	---	---	0.0108	8.40 B	4.82	3.12	0.821	4.86	1.30 E	2.20 E	---	---	16
17	---	---	0.0108	11.1 B	4.87	2.78	0.987	4.14	1.85 A	2.35 E	---	---	17
18	---	0.0108	0.0108	15.3 B	5.07	2.44	1.03	3.70	1.57 A	2.20 E	---	---	18
19	---	0.0108	0.0108	22.0 B	4.82	2.17	0.885	3.32	1.57 A	2.28 A	---	---	19
20	---	0.0108	0.0108	21.2 B	4.68	1.91	0.853	3.03	1.60 E	2.48 E	---	---	20
21	---	0.0108	0.0108	17.6 A	4.38	1.88	0.738	2.88	1.70 E	2.85 E	---	---	21
22	---	0.0108	0.0108	14.8	4.11	2.17	0.620	2.32	1.88 A	2.85 A	---	---	22
23	---	0.0108	0.0108	13.8	3.84	2.28	0.580	2.06	2.06 A	2.75 E	---	---	23
24	---	0.0108	0.0108	13.8	3.60	2.55	0.508	1.85	2.18 A	2.70 E	---	---	24
25	---	0.0088	0.0108	13.8	3.38	2.38	0.484	1.72	1.91 A	2.40 E	---	---	25
26	---	0.0088	0.0108	13.3	3.20	2.05	0.488	1.81	1.85 E	2.08 E	---	---	26
27	---	0.0088	0.0108	12.8	2.89	1.88	0.528	1.48	1.35 E	2.10 E	---	---	27
28	---	0.0088	0.0108	13.1	2.78	1.88	0.541	1.43	1.05 E	2.12 A	---	---	28
29	---		0.0108	11.8	2.72	1.80	0.538	1.33	1.15 E	2.05 E	---	---	29
30	---		0.0108	11.6	2.70	1.40	0.530	1.23	0.903A	2.00 E	---	---	30
31	---		0.0108		2.88		0.484	1.18		2.00 E		---	31
TOTAL	---	---	0.240	230.084	175.02	88.28	28.734	281.38	35.738	67.781	---	---	TOTAL
MEAN	---	---	0.008	7.34	5.65	2.84	0.927	9.08	1.19	1.88	---	---	MEAN
MAX	---	---	0.010	22.0	11.4	4.80	1.80	46.5	2.18	2.75	---	---	MAX
MIN	---	---	0.005	0.010	2.88	1.40	0.484	1.10	0.880	0.741	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.83
MAXIMUM DAILY, 46.5 ON AUG 5
MINIMUM DAILY, 0.0058 ON MAR 1
MAXIMUM INSTANTANEOUS,
48.3 AT 06:30 MST ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 35 N
LONG 115 45 00 W
DRAINAGE AREA, 582 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 480
FEB	---	AUG	24 300
MAR	20.7	SEP	3 090
APR	18 000	OCT	4 990
MAY	15 100	NOV	---
JUN	7 830	DEC	---

TOTAL DISCHARGE, 76 600 dam³

JAMES RIVER NEAR SUNDRE - STATION NO. 05CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.178	2.208	4.18	1.68	3.23	10.4	8.08	2.71	2.81	---	1
2	---	---	1.178	2.868	5.26	1.68	3.08	8.42	8.68	2.83	2.84A	---	2
3	---	---	1.178	2.608	3.63	1.44	1.81	7.28	7.04	2.84	---	---	3
4	---	---	1.208	2.488	3.28	1.41	3.11	8.84	7.41	2.48	---	---	4
5	---	---	1.248	2.458	3.02	1.37	8.83	7.58	8.21	2.40	---	---	5
6	---	---	1.308	2.438	2.83	1.38	8.81	8.98	8.19	2.38	---	---	6
7	---	---	1.328	2.418	2.68	1.37	8.38	8.88	8.51	2.32	---	---	7
8	---	---	1.248	2.408	2.81	1.33	7.08	8.88	8.30	2.27	---	---	8
9	---	---	1.228	2.308	2.88	1.32	7.08	8.11	8.27	2.22	---	---	9
10	---	---	1.188	2.058	2.48	1.34	7.28	8.88	4.87	2.18	---	---	10
11	---	---	1.178	1.888	2.38	1.34	8.38	7.24	4.88	2.18	---	---	11
12	---	---	1.188	1.778	2.31	1.30	8.88	8.81	4.47	2.18	---	---	12
13	---	---	1.188	1.708	2.28	1.29	8.40	7.18	4.23	2.13	---	---	13
14	---	---	1.148	1.678	2.18	1.28	4.88	8.22	4.13	2.08	---	---	14
15	---	---	1.148	1.888	2.08	1.31	4.27	8.88	4.01	2.12	---	---	15
16	---	---	1.148	1.888	1.88	2.25	4.28	8.48	3.80	2.18	---	---	16
17	---	---	1.148	2.008	1.88	4.88	4.78	8.18	3.82	2.17	---	---	17
18	---	---	1.188	1.888	1.87	3.80	4.82	7.77	3.80	2.17	---	---	18
19	---	---	1.188	1.888	1.88	2.84	7.15	7.88	3.38	2.13	---	---	19
20	---	---	1.188	1.808	2.11	2.47	8.81	7.28	3.28	2.08	---	---	20
21	---	---	1.188	2.108	1.88	2.33	8.00	8.88	3.17	2.11	---	---	21
22	---	---	1.188	2.888	1.83	2.26	14.2	8.74	3.08	2.02	---	---	22
23	---	---	1.178	2.808	1.87	1.83	18.8	8.30	2.98	1.88	---	---	23
24	---	---	1.178	2.478	1.80	1.78	14.8	8.14	2.91	1.88	---	---	24
25	---	---	1.178	2.888	1.73	1.88	14.8	8.88	2.81	2.14	---	---	25
26	---	---	1.178	2.828	1.88	1.88	18.8	8.84	2.80	1.88	---	---	26
27	---	1.178	1.178	2.88	1.83	1.87	12.8	8.88	3.40	1.84	---	---	27
28	---	1.178	1.178	2.88	1.81	1.88	10.8	8.09	3.27	2.08	---	---	28
29	---		1.288	3.31	1.81	2.32	8.87	7.73	3.01	2.00	---	---	29
30	---		1.508	3.70	1.88	2.38	8.08	8.38	2.83	1.88	---	---	30
31	---		1.888		1.87		8.38	8.83		1.88		---	31
TOTAL	---	---	37.88	71.88	72.88	58.14	344.88	327.01	130.63	67.44	---	---	TOTAL
MEAN	---	---	1.22	2.38	2.38	1.87	7.88	7.32	4.38	2.18	---	---	MEAN
MAX	---	---	1.88	3.70	8.28	4.88	18.8	10.4	7.41	2.71	---	---	MAX
MIN	---	---	1.14	1.87	1.87	1.21	1.81	8.11	2.81	1.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 18.8 ON JUL 23
MINIMUM DAILY, 1.148 ON MAR 14
MAXIMUM INSTANTANEOUS,
18.8 AT 23:18 MST ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 37 N
LONG 114 41 04 W
DRAINAGE AREA, 821 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21 200
FEB	---	AUG	19 800
MAR	3 280	SEP	11 300
APR	6 180	OCT	5 830
MAY	6 300	NOV	---
JUN	4 850	DEC	---

TOTAL DISCHARGE, 78 500 dam³

JAYDOT RESERVOIR NEAR JAYDOT - STATION NO. 11AB008

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	920.886	921.001	920.849	920.788	920.591	920.606	920.884	920.884	920.823E	---	1
2	---	---	920.887	920.988	920.861	920.785	920.581	920.800	920.888	920.880	920.822E	---	2
3	---	---	921.003	920.886	920.878	920.748	920.578	920.593	920.878	920.886	920.820E	---	3
4	---	---	921.027	920.987	920.875	920.780	920.568	920.592	920.872	920.878	920.818A	---	4
5	---	---	921.056	920.995	920.874	920.745	920.586	920.586	920.872	920.873	---	---	5
6	---	---	921.047	920.892	920.870	920.738	920.581	920.578	920.887	920.873	---	---	6
7	---	---	921.033	920.889	920.867	920.730	920.564	920.577	920.884	920.868	---	---	7
8	---	---	921.013	920.874	920.882	920.715	920.538	920.570	920.882	920.884	---	---	8
9	---	---	921.008	920.874	920.885	920.715	920.534	920.588	920.885	920.881	---	---	9
10	---	---	921.008	920.872	920.848	920.718	920.534	920.586	920.883	920.882	---	---	10
11	---	---	921.001	920.883	920.840	920.708	920.518	920.544	920.881	920.886	---	---	11
12	---	920.828A	921.003	920.982	920.833	920.887	920.514	920.837	920.849	920.888	---	---	12
13	---	920.901	921.006	920.884	920.825	920.887	920.512	920.838	920.847	920.883	---	---	13
14	---	920.941	921.018	920.883	920.822	920.885	920.508	920.848	920.842	920.880	---	---	14
15	---	920.981	921.014	920.848	920.818	920.872	920.488	920.848	920.838	920.880	---	---	15
16	---	921.004	921.011	920.843	920.811	920.882	920.483	920.847	920.827	920.844	---	---	16
17	---	921.011	921.008	920.842	920.787	920.888	920.471	920.848	920.838	920.848	---	---	17
18	---	921.020	921.008	920.838	920.788	920.848	920.477	920.847	920.834	920.842	---	---	18
19	---	921.028	921.008	920.832	920.787	920.848	920.483	920.844	920.828	920.841	---	---	19
20	---	921.031	921.004	920.832	920.782	920.883	920.481	920.838	920.821	920.838	---	---	20
21	---	921.018	921.003	920.831	920.771	920.880	920.478	920.830	920.818	920.838	---	---	21
22	---	921.011	921.003	920.818	920.773	920.848	920.478	920.823	920.818	920.838	---	---	22
23	---	921.008	921.008	920.808	920.773	920.838	920.478	920.820	920.818	920.833	---	---	23
24	---	920.988	921.001	920.808	920.770	920.828	920.471	920.888	920.808	920.833	---	---	24
25	---	920.985	921.000A	920.808	920.788	920.824	920.488	920.881	920.804	920.834	---	---	25
26	---	920.985	921.003A	920.803	920.772	920.822	920.480	920.707	920.801	920.824A	---	---	26
27	---	920.884	921.048	920.802	920.788	920.818	920.473	920.708	920.802	920.822E	---	---	27
28	---	920.888	921.018	920.801	920.788	920.804	920.487	920.704	920.887	920.820E	---	---	28
29	---		921.011	920.888	920.778	920.801	920.487	920.888	920.886	920.828E	---	---	29
30	---		921.013	920.884	920.774	920.882	920.888	920.883	920.888	920.827E	---	---	30
31	---		921.010		920.788		920.828	920.888		920.828E		---	31
MEAN	---	---	921.014	920.847	920.817	920.877	920.518	920.588	920.837	920.880	---	---	MEAN
MAX	---	---	921.083	921.001	920.888	920.788	920.828	920.707	920.884	920.884	---	---	MAX
MIN	---	---	920.887	920.884	920.788	920.882	920.488	920.830	920.888	920.828	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 921.083A ON MAR 26
MINIMUM DAILY, 920.488 ON JUL 25
MAXIMUM INSTANTANEOUS,
921.083 AT 12:03 CST ON MAR 26

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 33 N
LONG 110 00 52 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
19.7 km²

JOHNSTON CREEK NEAR THE MOUTH - STATION NO. 05DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.888	3.38	3.88	2.88	1.48	0.934	---	---	1
2	---	---	---	---	3.88	3.03	3.85	2.48	1.88	0.918	---	---	2
3	---	---	---	---	3.78	3.08	3.80	2.38	1.87	0.908	---	---	3
4	---	---	---	---	3.27	4.07	3.71	2.27	1.82	0.915	---	---	4
5	---	---	---	---	3.27	5.08	4.88	2.37	1.48	0.892	---	---	5
6	---	---	---	---	3.20	7.81	4.10	2.28	1.41	0.873	---	---	6
7	---	---	---	---	4.48	5.84	3.80	2.12	1.37	0.888	---	---	7
8	---	---	---	---	6.87	5.88	3.83	2.08	1.33	0.842	---	---	8
9	---	---	---	---	7.80	5.08	3.34	1.87	1.30	0.808	---	---	9
10	---	---	---	---	6.87	5.78	3.34	2.18	1.27	0.820	---	---	10
11	---	---	---	---	4.92	6.88	3.08	2.14	1.24	0.787	---	---	11
12	---	---	---	---	7.83	6.95	2.83	1.98	1.21	0.781	---	---	12
13	---	---	---	---	5.41	5.84	2.70	2.08	1.22	0.773	---	---	13
14	---	---	---	---	4.23	5.89	2.73	1.98	1.31	0.789	---	---	14
15	---	---	---	---	3.87	5.70	2.87	1.98	1.23	0.761	---	---	15
16	---	---	---	---	3.85	11.8	2.48	1.90	1.18	0.788	---	---	16
17	---	---	---	---	3.57	8.28	3.37	1.88	1.13	0.780	---	---	17
18	---	---	---	---	3.88	5.81	3.14	1.75	1.08	0.729	---	---	18
19	---	---	---	---	3.51	5.34	2.31	1.89	1.05	0.884	---	---	19
20	---	---	---	---	3.00	5.81	2.42	2.28	1.03	1.02	---	---	20
21	---	---	---	---	2.84	5.87	2.25	2.11	1.00	0.878	---	---	21
22	---	---	---	---	2.33	5.91	2.37	1.87	0.885	0.742	---	---	22
23	---	---	---	---	2.21	4.73	3.38	1.81	0.871	0.883	---	---	23
24	---	---	---	---	2.18	3.98	2.82	2.02	0.882	0.748	---	---	24
25	---	---	---	---	2.33	3.78	2.86	1.84	0.867	0.721	---	---	25
26	---	---	---	---	---	3.08	3.88	3.08	1.88	1.13	0.884	---	26
27	---	---	---	0.4808	3.78	3.88	2.73	1.75	1.08	0.738	---	---	27
28	---	---	---	0.8408	4.38	3.88	2.58	1.71	1.00	0.703	---	---	28
29	---		---	1.33 E	4.37	3.88	2.41	1.88	1.00	0.714	---	---	29
30	---		---	2.02 E	4.28	3.84	2.32	1.88	0.883	0.708A	---	---	30
31	---		---		3.83		2.83	1.98		0.700E		---	31
TOTAL	---	---	---	---	122.71	181.87	91.74	82.38	35.888	25.078	---	---	TOTAL
MEAN	---	---	---	---	3.98	5.40	2.98	2.01	1.20	0.809	---	---	MEAN
MAX	---	---	---	---	7.83	11.8	4.80	2.88	1.87	1.02	---	---	MAX
MIN	---	---	---	---	2.18	3.03	2.14	1.88	0.957	0.884	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 11.8 ON JUN 16
MINIMUM DAILY, 0.884 ON OCT 26
MAXIMUM INSTANTANEOUS,
16.3 AT 17:25 MST ON JUN 16

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 14 40 N
LONG 115 50 30 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 7	930
FEB	---	AUG 5	380
MAR	---	SEP 3	110
APR	---	OCT 2	170
MAY 10	800	NOV	---
JUN 14	000	DEC	---

TOTAL DISCHARGE, 43 200 dam³

JOSLYN CREEK NEAR FORT MACKAY - STATION NO. 07DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0108	2.54	1.02	0.520	0.263	0.226	0.207	0.2308	---	1
2	---	---	0 B	0.0158	2.30	4.38	0.578	0.472	0.173	0.198	0.2408	---	2
3	---	---	0 B	0.0208	3.08	4.11	1.18	1.48	0.153	0.188	0.2358	---	3
4	---	---	0 B	0.0258	1.81	3.78	8.88	1.33	0.172	0.173	0.2108	---	4
5	---	---	0 B	0.0358	1.82	3.53	8.38	1.18	0.188	0.178	0.2808	---	5
6	---	---	0 B	0.0758	1.28	2.88	3.73	0.887	0.158	0.184	0.3048	---	6
7	---	---	0 B	0.0908	1.11	2.71	2.58	0.843	0.141	0.188	---	---	7
8	---	---	0 B	0.1808	0.978	2.88	2.01	0.713	0.143	0.214	---	---	8
9	---	---	0 B	0.2238	0.882	2.48	1.87	0.636	0.142	0.212	---	---	9
10	---	---	0 B	0.3158	0.780	2.08	1.18	0.822	0.143	0.327	---	---	10
11	---	---	0 B	0.3778	0.778	1.88	1.00	0.585	0.142	0.228	---	---	11
12	---	---	0 B	0.3678	0.722	1.34	0.808	0.803	0.195	0.257	---	---	12
13	---	---	0 B	0.4278	0.888	1.48	0.882	0.444	0.218	0.284	---	---	13
14	---	---	0 B	0.8008	0.582	0.988	0.873	0.438	0.200	0.313	---	---	14
15	---	---	0 B	0.8208	0.538	0.747	0.614	0.448	0.201	0.414	---	---	15
16	---	---	0 B	1.00 B	0.480	0.587	0.843	0.434	0.213	0.402	---	---	16
17	---	---	0 B	1.83 B	0.444	0.581	0.845	0.448	0.188	0.418	---	---	17
18	---	---	0 B	2.57 B	0.454	0.428	0.613	0.483	0.228	0.388	---	---	18
19	---	---	0 B	3.53 B	0.494	0.388	0.883	0.448	0.270	0.385	---	---	19
20	---	---	0 B	4.02 B	0.840	0.308	0.878	0.435	0.288	0.382	---	---	20
21	---	---	0 B	4.80 B	0.884	0.380	0.814	0.408	0.267	0.373	---	---	21
22	---	---	0 B	5.06 B	0.824	0.270	0.485	0.380	0.248	0.332	---	---	22
23	---	---	0 B	5.18 B	0.548	0.368	0.388	0.313	0.213	0.342	---	---	23
24	---	---	0 B	4.98 B	0.483	0.735	0.323	0.288	0.218	0.313	---	---	24
25	---	---	0 B	4.48	0.438	0.888	0.312	0.274	0.218	0.281	---	---	25
26	---	---	0 B	3.78	0.400	0.852	0.281	0.288	0.204	0.2508	---	---	26
27	---	---	0 B	3.48	0.388	0.577	0.221	0.258	0.207	0.2428	---	---	27
28	---	---	0 B	3.81	0.388	0.481	0.217	0.240	0.188	0.2338	---	---	28
29	---		0 B	3.33	0.348	0.578	0.183	0.227	0.183	0.2268	---	---	29
30	---		0 B	2.74	0.348	0.853	0.188	0.288	0.208	0.2238	---	---	30
31	---		0.0088		0.388		0.188	0.218		0.2208		---	31
TOTAL	---	---	0.008	88.008	28.288	43.378	28.388	18.172	5.888	8.278	---	---	TOTAL
MEAN	---	---	0	1.83	0.847	1.48	1.27	0.822	0.187	0.287	---	---	MEAN
MAX	---	---	0.008	5.18	2.54	4.38	8.88	1.48	0.270	0.418	---	---	MAX
MIN	---	---	0	0.818	0.348	0.278	0.188	0.218	0.141	0.173	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.808
MAXIMUM DAILY, 8.88 ON JUL 4
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
11.8 AT 13:50 MST ON JUL 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 18 27 N
LONG 111 44 30 W
DRAINAGE AREA, 257 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 3	400
FEB	---	AUG 1	400
MAR	0.43	SEP	510
APR 5	010	OCT	715
MAY 3	270	NOV	---
JUN 3	750	DEC	---

TOTAL DISCHARGE, 17 100 dam³

JUMPINGPOUND CREEK NEAR COX HILL - STATION NO. 05BH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.627	0.243	0.218	0.358	0.215	0.108	0.070	---	1
2	---	---	---	---	0.738	0.224	0.203	0.337	0.228	0.103	0.071A	---	2
3	---	---	---	---	0.632	0.218	0.221	0.333	0.324	0.102	---	---	3
4	---	---	---	---	0.573	0.214	0.234	0.311	0.241	0.098	---	---	4
5	---	---	---	---	0.528	0.206	0.250	0.300	0.217	0.095	---	---	5
6	---	---	---	---	0.518	0.204	0.308	0.270	0.234	0.093	---	---	6
7	---	---	---	---	0.511	0.193	0.187	0.241	0.208	0.092	---	---	7
8	---	---	---	---	0.534	0.188	0.188	0.230	0.191	0.091	---	---	8
9	---	---	---	---	0.531	0.181	0.218	0.233	0.180	0.088	---	---	9
10	---	---	---	---	0.488	0.178	0.303	0.241	0.178	0.087	---	---	10
11	---	---	---	---	0.473	0.188	0.230	0.368	0.188	0.087	---	---	11
12	---	---	---	---	0.488	0.182	0.213	0.280	0.182	0.086	---	---	12
13	---	---	---	---	0.483	0.182	0.206	0.218	0.182	0.081	---	---	13
14	---	---	---	---	0.420	0.182	0.182	0.638	0.187	0.078	---	---	14
15	---	---	---	---	0.398	0.184	0.187	0.578	0.187	0.088	---	---	15
16	---	---	---	---	0.629	0.481	0.223	0.720	0.181	0.081	---	---	16
17	---	---	---	---	0.604	0.418	0.218	0.888	0.143	0.0838	---	---	17
18	---	---	---	---	0.592	0.398	0.398	0.820	0.141	0.0878	---	---	18
19	---	---	---	---	0.588	0.381	1.27	0.687	0.134	0.0838	---	---	19
20	---	---	---	---	0.583	0.388	1.38	0.613	0.129	0.0858	---	---	20
21	---	---	---	---	0.381	0.378	1.10	0.484	0.125	0.073	---	---	21
22	---	---	---	---	0.328	0.348	0.873	0.418	0.122	0.0778	---	---	22
23	---	---	---	---	0.322	0.328	0.838	0.383	0.119	0.0808	---	---	23
24	---	---	---	---	0.308	0.300	0.782	0.385	0.118	0.075	---	---	24
25	---	---	---	---	0.303	0.279	0.724	0.361	0.118	0.078	---	---	25
26	---	---	---	---	0.282	0.282	0.643	0.327	0.184	0.0738	---	---	26
27	---	---	---	---	0.283	0.288	0.578	0.301	0.135	0.073	---	---	27
28	---	---	---	---	0.273	0.258	0.508	0.284	0.124	0.073	---	---	28
29	---		---	0.280A	0.270	0.235	0.458	0.280	0.118	0.078	---	---	29
30	---		---	0.440	0.268	0.234	0.443	0.258	0.113	0.074	---	---	30
31	---		---	0.843	0.263		0.407	0.234		0.072	---	---	31
TOTAL	---	---	---	---	13.342	7.764	14.174	11.871	4.886	2.817	---	---	TOTAL
MEAN	---	---	---	---	0.430	0.258	0.457	0.383	0.188	0.084	---	---	MEAN
MAX	---	---	---	---	0.627	0.481	1.38	0.720	0.324	0.108	---	---	MAX
MIN	---	---	---	---	0.263	0.182	0.184	0.230	0.113	0.072	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 1.38 ON JUL 20
MINIMUM DAILY, 0.072 ON OCT 31
MAXIMUM INSTANTANEOUS,
1.48 AT 20:52 MST ON JUL 19

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 09 N
LONG 114 58 14 W
DRAINAGE AREA, 38.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 220
FEB	---	AUG	1 030
MAR	---	SEP	420
APR	---	OCT	328
MAY	1 150	NOV	---
JUN	870	DEC	---

TOTAL DISCHARGE, 4 730 dam³

JUMPINGPOUND CREEK NEAR THE MOUTH - STATION NO. 05BH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4108	0.3208	0.1148	2.188	1.88	0.676	0.508	1.28	1.32	0.784	0.588	0.2718	1
2	0.4008	0.3008	0.0848	2.628	2.30	0.650	0.498	1.21	1.15	0.718	0.630	0.2768	2
3	0.3808	0.2808	0.1388	1.368	2.28	0.632	0.562	1.18	1.28	0.683	0.518	0.2808	3
4	0.3808	0.2808	0.6808	1.438	2.08	0.601	0.577	1.13	1.80	0.683	0.537	0.2828	4
5	0.3808	0.2848	1.24 B	1.008	1.80	0.572	0.778	1.12	1.58	0.630	0.5308	0.2848	5
6	0.4618	0.2218	1.03 B	1.088	1.70	0.557	0.884	1.06	1.48	0.605	0.527	0.2878	6
7	0.4508	0.2308	0.6318	1.838	1.58	0.541	1.08	0.948	1.44	0.588	0.5308	0.2428	7
8	0.4588	0.2208	0.6608	2.078	1.44	0.502	1.07	0.922	1.40	0.578	0.5188	0.2138	8
9	0.4808	0.3308	0.5408	2.22	1.34	0.481	0.868	0.921	1.28	0.585	0.4808	0.1938	9
10	0.4808	0.2208	0.6008	1.98	1.28	0.478	1.23	1.19	1.17	0.573	0.4588	0.1768	10
11	0.4508	0.2488	0.7068	1.84	1.20	0.448	2.17	2.61	1.84	0.555	0.447	0.1588	11
12	0.4408	0.2068	0.6888	1.68	1.18	0.428	1.88	2.86	1.07	0.851	0.487	0.1428	12
13	0.4208	0.2418	0.7628	1.40	1.20	0.388	1.18	2.22	0.891	0.884	0.4608	0.1318	13
14	0.4008	0.2608	0.8268	1.41	1.18	0.371	0.847	2.21	0.887	0.841	0.4708	0.1238	14
15	0.3778	0.3708	0.4498	1.38	1.13	0.388	0.778	5.83	0.820	0.883	0.4908	0.1148	15
16	0.3408	0.3748	0.3868	1.41	1.18	0.508	0.738	5.34	0.888	0.884	0.5188	0.1108	16
17	0.3208	0.2348	0.4218	1.48	1.32	0.738	0.762	4.87	0.860	0.888	0.5468	0.1008	17
18	0.3208	0.2178	0.5478	1.87	1.33	0.988	0.838	4.34	0.838	0.830	0.5858	0.0978	18
19	0.3218	0.1828	0.3908	1.48	1.37	0.884	5.78	3.88	0.803	0.807	0.5758	0.0888	19
20	0.3368	0.1848	0.4348	1.85	1.47	0.848	8.88	3.87	0.787	0.870	0.5838	0.0958	20
21	0.3408	0.1888	0.8548	1.83	1.38	0.852	8.83	3.70	0.783	0.878	0.5828	0.0898	21
22	0.3408	0.1828	0.7248	1.88	1.18	0.898	4.77	3.41	0.742	0.873	0.5808	0.0758	22
23	0.3408	0.2288	0.7708	1.82	1.08	0.831	4.11	3.18	0.713	0.800	0.5758	0.0658	23
24	0.3408	0.2588	0.6738	1.88	1.02	0.788	3.37	3.00	0.888	0.848	0.5858	0.0618	24
25	0.3408	0.2898	0.5788	1.48	0.988	0.882	2.84	1.88	0.882	0.848	0.5138	0.0508	25
26	0.3348	0.2388	0.5788	1.38	0.928	0.881	2.88	1.88	0.738	0.870	0.4808	0.0588	26
27	0.3618	0.1888	0.8148	1.20	0.888	0.868	2.34	1.80	0.857	0.871	0.4008	0.0588	27
28	0.3508	0.1878	0.5088	1.18	0.838	0.858	3.01	1.87	0.820	0.889	0.3888	0.0508	28
29	0.3408		0.3748	1.21	0.803	0.841	1.78	1.84	0.883	0.871	0.3808	0.0488	29
30	0.3208		0.4548	1.38	0.770	0.831	1.88	1.48	0.781	0.838	0.3708	0.0418	30
31	0.3278		0.8728		0.728		1.48	1.38		0.832		0.0388	31
TOTAL	11.727	8.825	17.837	48.88	40.888	18.484	88.348	88.488	31.288	18.308	14.888	4.288	TOTAL
MEAN	0.378	0.237	0.878	1.88	1.31	0.818	2.14	2.24	1.04	0.881	0.498	0.138	MEAN
MAX	0.488	0.338	1.24	2.83	2.38	0.988	8.88	8.83	1.88	0.784	0.843	0.284	MAX
MIN	0.328	0.187	0.884	1.88	0.728	0.388	0.488	0.821	0.882	0.832	0.278	0.038	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.858
MAXIMUM DAILY, 8.88 ON JUL 20
MINIMUM DAILY, 0.0388 ON DEC 31
MAXIMUM INSTANTANEOUS,
11.1 AT 21:48 MST ON JUL 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 18 N
LONG 114 31 42 W
DRAINAGE AREA, 571 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 810	JUL	5 730
FEB	572	AUG	8 000
MAR	1 550	SEP	2 700
APR	4 050	OCT	1 580
MAY	3 800	NOV	1 280
JUN	1 880	DEC	371

TOTAL DISCHARGE, 28 800 dam³

KAKWA RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.088	4.888	82.9	113	86.8	376	28.1	13.5	---	---	1
2	---	---	3.988	4.808	108	99.8	82.8	483	27.8	13.2	---	---	2
3	---	---	3.788	5.018	97.4	88.7	82.0	281	27.4	11.9	---	---	3
4	---	---	3.578	5.808	85.8	80.1	46.3	188	26.8	12.1	---	---	4
5	---	---	3.488	7.838	78.5	105	48.2	177	26.1	12.8	---	---	5
6	---	---	3.578	11.2 B	74.5	132	44.1	134	33.8	12.8	---	---	6
7	---	---	3.888	12.7 B	81.8	130	41.4	108	33.8	12.5	---	---	7
8	---	---	3.858	13.8 B	105	116	48.0	92.8	31.1	12.2	---	---	8
9	---	---	4.238	16.6 B	131	123	46.2	84.3	30.4	11.8	---	---	9
10	---	---	4.118	18.2 B	128	124	45.8	80.8	19.8	11.3	---	---	10
11	---	---	4.818	25.4 B	110	115	38.8	112	18.8	11.0	---	---	11
12	---	---	4.818	33.5 B	118	115	34.8	97.5	18.2	10.9	---	---	12
13	---	---	4.808	35.0 B	121	172	32.8	80.8	17.8	10.8	---	---	13
14	---	---	4.698	32.8 B	98.3	148	30.9	76.0	17.2	10.6	---	---	14
15	---	---	4.818	37.8	91.8	118	28.8	67.3	17.0	10.3	---	---	15
16	---	---	4.588	34.0	85.3	107	28.4	89.2	16.8	10.0	---	---	16
17	---	---	4.428	29.5	77.9	91.2	48.7	82.3	16.0	9.88	---	---	17
18	---	5.018	4.378	24.8	80.8	82.5	84.5	48.1	15.8	9.418	---	---	18
19	---	4.888	4.388	21.0	78.7	80.7	51.3	41.8	14.8	9.158	---	---	19
20	---	4.288	4.278	19.5	76.1	82.3	43.1	52.3	14.2	8.948	---	---	20
21	---	4.878	4.428	18.8	77.7	86.8	47.7	84.0	13.8	8.758	---	---	21
22	---	4.888	4.888	17.8	78.8	86.8	81.7	71.2	13.4	8.548	---	---	22
23	---	4.848	4.238	18.7	81.8	80.1	83.7	59.8	13.0	7.988	---	---	23
24	---	4.748	4.208	16.8	85.8	87.8	47.8	81.3	12.7	8.338	---	---	24
25	---	4.778	4.338	17.4	83.2	87.8	42.1	46.1	12.8	8.838	---	---	25
26	---	4.388	4.388	17.1	104	88.3	42.4	42.3	13.3	8.588	---	---	26
27	---	3.838	4.288	17.7	118	86.7	46.8	38.7	14.4	8.808	---	---	27
28	---	4.338	3.888	24.4	133	87.8	42.0	36.8	14.1	8.808	---	---	28
29	---		3.808	27.8	148	87.3	38.8	34.1	13.3	8.808	---	---	29
30	---		4.008	89.1	134	87.1	37.3	32.0	12.7	8.808	---	---	30
31	---		4.388		122		42.8	30.0		10.0 B		---	31
TOTAL	---	---	128.84	636.00	3 085.8	2 916.4	1 377.8	3 085.7	642.5	318.28	---	---	TOTAL
MEAN	---	---	4.18	21.3	99.5	97.2	44.4	99.5	18.1	10.3	---	---	MEAN
MAX	---	---	4.81	89.1	148	172	84.5	483	28.1	12.8	---	---	MAX
MIN	---	---	3.48	4.88	74.5	88.7	28.4	30.0	12.8	7.98	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.4
MAXIMUM DAILY, 483 ON AUG 2
MINIMUM DAILY, 3.488 ON MAR 5
MAXIMUM INSTANTANEOUS,
538 AT 08:30 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 22 20 N
LONG 118 35 40 W
DRAINAGE AREA, 3 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	119 000
FEB	---	AUG	267 000
MAR	11 200	SEP	46 900
APR	95 100	OCT	27 500
MAY	267 000	NOV	---
JUN	252 000	DEC	---

TOTAL DISCHARGE, 1 050 000 dam³

KANANASKIS RIVER ABOVE POCATERRA CREEK - STATION NO. 05BF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3	2.10	0.028	0.028	8.75	17.1	0.028	0.057	1.84	2.72	0.057	15.2	1
2	18.7	17.4	2.84	0.028	0.057	14.3	8.81	0.057	0.057	0.057	4.35	11.0	2
3	15.7	15.7	8.44	0.028	0.057	12.8	14.2	0.057	0.057	0.057	8.72	11.8	3
4	15.7	15.4	8.38	0.028	10.1	0.028	8.75	2.27	0.057	0.057	8.75	12.1	4
5	19.1	18.8	8.43	0.028	11.1	1.73	3.48	0.057	0.057	1.89	7.39	2.41	5
6	19.0	18.0	11.5	2.48	10.1	0.028	0.028	0.057	0.057	5.48	8.15	0.057	6
7	18.8	4.19	0.028	0.028	0.028	0.028	4.84	0.057	0.057	3.05	2.12	10.9	7
8	18.8	0.028	0.028	5.83	0.028	8.83	0.028	0.057	1.84	0.057	0.057	12.4	8
9	18.5	8.46	11.8	0.028	0.028	0.028	0.028	0.057	0.057	3.57	8.81	10.3	9
10	3.91	8.84	12.3	0.028	0.028	0.028	0.028	0.028	0.057	3.00	8.88	10.8	10
11	4.13	7.03	11.7	0.028	0.028	0.028	0.028	1.88	0.057	2.80	10.3	10.7	11
12	17.8	0.028	11.7	0.028	2.78	0.028	0.028	0.028	0.057	2.88	11.4	4.47	12
13	18.8	0.028	3.74	0.934	2.48	0.028	0.028	0.057	0.057	8.84	12.8	8.47	13
14	18.3	0.028	0.028	4.47	7.05	0.028	1.78	0.057	0.057	7.14	8.84	9.40	14
15	18.8	0.028	0.028	4.80	10.7	3.17	0.028	0.057	2.10	7.31	0.880	11.8	15
16	15.8	4.47	3.28	4.83	11.2	0.028	0.028	0.057	0.057	7.38	8.81	13.8	16
17	4.38	0.028	0.028	0.028	11.8	0.028	0.028	0.028	0.057	0.028	8.81	12.8	17
18	4.39	0.028	0.028	0.028	18.2	0.028	0.028	1.98	0.057	0.028	8.38	13.7	18
19	18.8	4.43	0.028	0.028	7.36	0.028	0.028	0.028	0.057	10.8	8.89	8.81	19
20	18.8	0.028	0.028	0.028	13.0	0.028	0.057	0.028	0.057	7.14	10.8	8.38	20
21	18.8	0.028	0.028	8.88	7.83	0.028	1.84	0.028	0.057	7.22	0.057	14.8	21
22	17.1	0.028	0.028	0.028	16.3	2.24	0.057	0.028	2.28	10.8	2.84	11.8	22
23	17.3	4.18	2.41	0.028	11.3	0.028	0.057	0.057	0.057	8.71	10.1	14.2	23
24	3.44	0.028	0.028	0.028	11.3	0.028	0.057	0.057	0.057	0.028	10.1	8.88	24
25	3.31	4.82	0.028	0.028	14.4	0.878	0.057	2.28	0.057	0.028	8.38	0.028	25
26	17.8	0.028	0.028	0.028	18.8	0.028	0.057	0.057	0.057	10.1	4.05	7.05	26
27	18.8	3.28	0.028	4.20	12.0	0.028	0.057	0.057	0.057	8.87	11.8	8.87	27
28	18.8	0.028	0.028	18.8	17.1	0.028	2.18	0.057	0.057	8.48	0.028	10.1	28
29	18.8		0.028	8.88	17.1	0.028	0.057	0.057	7.84	8.84	0.028	17.8	29
30	18.8		2.10	8.18	17.0	8.74	0.057	0.057	3.17	10.3	8.88	18.8	30
31	2.81		0.028		18.8		0.057	0.057		0.142		13.3	31
TOTAL	439.18	134.034	98.904	88.848	378.814	87.888	43.734	9.888	20.448	147.312	181.917	387.878	TOTAL
MEAN	14.2	4.79	3.33	3.23	9.82	2.28	1.41	0.318	0.882	4.75	8.40	8.83	MEAN
MAX	19.1	17.4	12.3	18.8	17.1	17.1	14.2	2.28	7.84	10.8	12.8	17.8	MAX
MIN	3.31	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.057	0.028	0.028	0.028	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.95
MAXIMUM DAILY, 19.1 ON JAN 5
MINIMUM DAILY, 0.028 ON FEB 8

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 00 N
LONG 115 07 05 W
DRAINAGE AREA, 383 km²

REGULATED SINCE 1932

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 900	JUL	3 780
FEB	11 600	AUG	882
MAR	8 830	SEP	1 770
APR	8 780	OCT	13 700
MAY	24 200	NOV	18 200
JUN	8 850	DEC	38 800

TOTAL DISCHARGE, 188 000 dam³

KANANASKIS RIVER BELOW BARRIER DAM - STATION NO. 05BF025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.2	17.4	0.113	0.113	15.0	28.1	25.5	3.99	0.395	8.55	5.83	13.1	1
2	26.1	21.1	3.36	0.113	16.2	22.8	20.2	0.311	7.14	6.63	5.98	13.2	2
3	22.9	19.9	13.4	0.113	16.3	22.1	14.6	4.50	7.67	2.38	11.7	13.9	3
4	22.8	13.1	16.7	0.085	15.1	16.9	11.3	8.95	9.59	2.80	10.2	13.6	4
5	22.7	25.0	13.9	0.085	15.8	15.1	8.84	7.06	8.61	8.40	10.9	8.40	5
6	20.5	25.0	16.2	0.085	13.1	0.311	0.383	7.31	8.23	7.25	9.63	8.92	6
7	23.6	24.7	16.2	0.085	23.3	0.311	0.383	7.11	8.44	4.28	6.58	13.2	7
8	25.0	16.5	15.6	0.113	23.6	11.8	0.311	8.07	0.340	5.44	4.80	12.2	8
9	24.0	9.09	15.0	0.113	23.4	12.2	0.340	7.16	2.76	5.84	14.1	11.9	9
10	22.9	0.085	14.6	0.113	23.1	14.1	8.92	7.22	4.19	8.89	12.4	12.8	10
11	22.4	0.085	14.8	0.085	21.7	14.6	10.8	7.05	0.394	8.47	11.4	13.6	11
12	21.4	0.085	14.8	0.085	18.6	13.0	9.63	7.42	8.78	8.89	11.7	11.8	12
13	22.7	0.085	14.8	0.085	27.8	0.311	7.34	3.37	8.17	13.1	14.0	14.2	13
14	24.6	0.085	8.91	0.113	24.3	0.283	3.85	0.340	0.395	8.89	8.44	11.8	14
15	24.4	0.085	0.113	0.113	23.4	11.8	8.23	4.22	0.395	10.2	8.83	8.74	15
16	24.1	0.085	0.113	0.113	23.8	12.9	7.38	4.45	8.55	10.1	13.0	14.7	16
17	14.8	0.113	0.113	0.113	22.2	16.6	7.25	8.78	8.68	4.42	7.68	16.4	17
18	14.0	0.113	0.113	0.113	21.6	15.7	11.6	6.85	8.17	4.11	12.0	14.8	18
19	23.3	0.085	0.113	0.113	23.4	13.5	10.9	7.88	0.388	12.8	11.8	8.28	19
20	22.4	0.085	0.113	0.113	23.3	0.283	8.80	8.69	4.84	12.8	12.8	8.43	20
21	22.9	0.113	0.113	0.113	26.8	0.283	8.87	8.41	8.84	11.0	4.25	12.3	21
22	22.8	0.113	0.113	0.085	25.6	14.4	12.9	5.72	8.83	11.4	8.35	11.4	22
23	23.1	0.113	0.113	0.085	26.3	4.83	12.7	8.35	8.60	12.0	13.1	11.7	23
24	14.3	0.113	0.113	0.085	16.1	8.80	11.8	8.73	8.84	4.33	13.1	8.76	24
25	13.2	0.113	0.113	0.085	22.7	7.18	10.3	8.87	8.81	4.47	12.8	8.72	25
26	22.8	0.113	0.113	0.113	13.1	8.83	10.3	8.89	0.383	12.7	8.88	10.8	26
27	23.1	0.113	0.113	8.27	23.3	4.13	11.8	7.28	0.288	12.0	11.7	10.1	27
28	22.8	0.113	0.113	16.3	26.6	4.18	5.80	8.82	7.36	11.0	3.88	8.81	28
29	7.26		0.113	15.4	26.8	8.41	8.04	4.62	7.88	12.7	8.24	16.0	29
30	18.8		0.113	11.8	26.8	21.8	4.08	2.83	4.13	12.8	12.1	16.6	30
31	17.4		0.113		26.7		4.43	3.84		8.12		11.1	31
TOTAL	655.76	186.885	178.294	84.400	731.2	321.082	284.417	202.361	151.800	259.26	282.03	354.48	TOTAL
MEAN	21.2	6.85	5.79	1.81	23.6	10.7	8.63	6.63	5.05	8.38	9.73	11.4	MEAN
MAX	26.1	25.0	16.7	16.3	34.3	28.1	25.5	8.87	9.68	13.1	14.1	16.8	MAX
MIN	7.26	0.085	0.113	0.085	13.1	0.283	0.283	0.311	0.288	2.38	3.88	8.72	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.85
MAXIMUM DAILY, 34.3 ON MAY 14
MINIMUM DAILY, 0.085 ON FEB 10

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 30 N
LONG 115 01 55 W
DRAINAGE AREA, 899 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 700	JUL	22 800
FEB	14 400	AUG	17 500
MAR	15 500	SEP	13 100
APR	4 700	OCT	22 400
MAY	63 200	NOV	25 200
JUN	27 700	DEC	30 600

TOTAL DISCHARGE, 314 000 dam³

KEG RIVER AT HIGHWAY NO. 35 - STATION NO 07NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0418	0.0328	15.7	4.38	1.62	8.21	0.792	0.305	---	---	1
2	---	---	0.0418	0.0328	14.6	17.0	1.65	75.9 A	0.748	0.300	---	---	2
3	---	---	0.0418	0.0808	12.8	27.4	1.69	142 A	0.748	0.298	---	---	3
4	---	---	0.0408	0.3008	10.6	23.1	1.71	83.9 A	0.748	0.289	---	---	4
5	---	---	0.0408	1.00 B	8.80	15.7	1.98	43.2 A	0.708	0.288	---	---	5
6	---	---	0.0408	2.00 B	7.08	14.6	1.71	21.3	0.648	0.287	---	---	6
7	---	---	0.0398	1.76 B	5.85	28.0 A	1.48	13.6	0.585	0.283	---	---	7
8	---	---	0.0388	3.41 B	8.27	38.3 A	1.43	9.59	0.529	0.308	---	---	8
9	---	---	0.0388	5.17 B	4.83	30.6 A	1.38	8.61	0.487	0.322	---	---	9
10	---	---	0.0388	5.29 B	4.84	18.6	1.38	8.12	0.467	0.320	---	---	10
11	---	---	0.0388	5.88 B	4.32	11.6	1.19	8.43	0.488	0.362	---	---	11
12	---	---	0.0368	7.82 B	4.43	8.88	1.11	8.55	0.400	0.386	---	---	12
13	---	---	0.0378	8.83 B	8.20	7.31	0.818	8.13	0.363	0.378	---	---	13
14	---	---	0.0378	8.42 B	8.72	8.77	0.814	4.48	0.338	0.378	---	---	14
15	---	---	0.0368	7.88 B	8.24	4.78	0.802	3.84	0.388	0.407	---	---	15
16	---	---	0.0388	8.86	8.78	3.81	0.888	3.32	0.378	0.450	---	---	16
17	---	---	0.0368	10.0	5.88	3.44	0.857	2.88	0.384	0.401	---	---	17
18	---	---	0.0368	8.28	5.28	2.88	1.47	2.58	0.418	0.388	---	---	18
19	---	0.0488	0.0358	8.02	4.88	2.88	1.24	2.28	0.491	0.324	---	---	19
20	---	0.0488	0.0388	7.58	4.17	2.21	1.01	2.07	0.438	0.330	---	---	20
21	---	0.0448	0.0348	7.58	3.88	1.81	0.838	1.88	0.383	0.382	---	---	21
22	---	0.0448	0.0348	8.48	3.32	1.88	0.846	1.72	0.338	0.333	---	---	22
23	---	0.0448	0.0348	8.11	2.87	2.12	0.888	1.61	0.348	0.338	---	---	23
24	---	0.0438	0.0348	8.41	2.84	2.27	0.833	1.38	0.331	0.381	---	---	24
25	---	0.0438	0.0338	8.88	2.34	3.08	0.474	1.28	0.388	0.388	---	---	25
26	---	0.0438	0.0338	10.4	2.18	2.88	0.388	1.18	0.348	0.388	---	---	26
27	---	0.0428	0.0338	10.6	2.07	2.34	0.322	1.08	0.358	0.283	---	---	27
28	---	0.0428	0.0338	12.1	2.11	1.83	0.311	0.948	0.338	0.383	---	---	28
29	---		0.0338	14.5	1.87	1.82	0.284	0.873	0.328	0.308	---	---	29
30	---		0.0328	15.5	1.78	1.48	0.282	0.818	0.337	0.320A	---	---	30
31	---		0.0328		1.88		0.948	0.778		0.340E		---	31
TOTAL	---	---	1.128	205.064	187.20	288.83	31.418	484.822	13.930	10.432	---	---	TOTAL
MEAN	---	---	0.036	8.84	8.38	8.62	1.01	15.0	0.484	0.338	---	---	MEAN
MAX	---	---	0.041	18.5	15.7	38.3	1.98	142	0.792	0.480	---	---	MAX
MIN	---	---	0.032	0.032	1.78	1.48	0.284	0.778	0.328	0.283	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.83
MAXIMUM DAILY, 142A ON AUG 3
MINIMUM DAILY, 0.0328 ON MAR 25
MAXIMUM INSTANTANEOUS,
154 AT 05:00 MST ON AUG 3

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 44 40 N
LONG 117 37 20 W
DRAINAGE AREA, 897 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 710
FEB	---	AUG	40 100
MAR	97.3	SEP	1 200
APR	17 700	OCT	800
MAY	14 400	NOV	---
JUN	24 800	DEC	---

TOTAL DISCHARGE, 102 000 dam³

KENNEDY COULEE NEAR ACADIA VALLEY - STATION NO. 05CK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.071	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.062	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.033	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.021	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.003	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0B	0.0083	0	0	0	0	0	0	0	---	---	18
19	---	0B	0.0083	0	0	0	0	0	0	0	---	---	19
20	---	0B	0.0033	0	0	0	0	0	0	0	---	---	20
21	---	0B	0.012	0	0	0	0	0	0	0	---	---	21
22	---	0B	0.102	0	0	0	0	0	0	0	---	---	22
23	---	0B	0.083	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.082	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.084	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.306	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.151	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.093	0	0	0	0	0	0	0	---	---	28
29	---		0.172	0	0	0	0	0	0	0	---	---	29
30	---		0.166	0	0	0	0	0	0	0	---	---	30
31	---		0.133		0		0	0		0		---	31
TOTAL	---	---	1.382	0.170	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.044	0.006	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.306	0.071	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.306 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 05 45 N
LONG 110 15 31 W
DRAINAGE AREA, 939 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	118	SEP	0
APR	14.7	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 133 dam³

KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN - STATION NO 05GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0019	1.01 B	0.004	0.003	0	0	0.001	0	---	---	1
2	---	---	0.0028	2.66 B	0.003	0.003	0	0.004	0.001	0	---	---	2
3	---	---	0.0028	2.26 B	0.002	0.003	0	0.004	0.002	0	---	---	3
4	---	---	0.0038	1.89 B	0.002	0.002	0.003	0.002	0.002	0	---	---	4
5	---	---	0.0038	0.8868	0.002	0.002	0.002	0.006	0.003	0	---	---	5
6	---	---	0.0038	0.728	0.002	0.002	0.001	0.001	0.003	0	---	---	6
7	---	---	0.0018	0.566	0.002	0.002	0.001	0.001	0.004	0	---	---	7
8	---	---	0.0018	0.436	0.002	0.002	0.001	0.002	0.004	0	---	---	8
9	---	---	0 B	0.362	0.002	0.002	0.001	0.001	0.004	0	---	---	9
10	---	---	0 B	0.320	0.001	0.001	0.001	0.003	0.005	0	---	---	10
11	---	---	0 B	0.239	0.001	0.001	0.001	0.001	0.004	0	---	---	11
12	---	---	0 B	0.197	0.001	0.001	0.001	0.001	0.004	0	---	---	12
13	---	---	0 B	0.211	0.001	0.001	0.001	0.001	0.004	0	---	---	13
14	---	---	0 B	0.178	0.001	0.001	0.001	0.001	0.004	0	---	---	14
15	---	---	0 B	0.144	0.001	0.001	0.001	0.001	0.004	0	---	---	15
16	---	---	0 B	0.126	0.001	0	0.001	0.001	0.003	0	---	---	16
17	---	---	0.0038	0.120	0.001	0	0.001	0.001	0.003	0.001	---	---	17
18	---	---	0.0028	0.112	0.001	0	0.001	0.001	0.003	0.001	---	---	18
19	---	---	0.0018	0.101	0.001	0	0.001	0.001	0.003	0.001	---	---	19
20	---	---	0.0018	0.087	0.001	0	0.001	0.001	0.002	0.001	---	---	20
21	---	---	0.0018	0.082	0.001	0	0.001	0.001	0.002	0.001	---	---	21
22	---	---	0.0018	0.078	0.001	0	0.001	0.001	0.002	0.002	---	---	22
23	---	---	0.0018	0.087	0.001	0	0.001	0.001	0.002	0.002	---	---	23
24	---	---	0.0018	0.067	0.001	0	0.001	0.001	0.002	0.002	---	---	24
25	---	---	0.0848	0.052	0.008	0	0	0.001	0.002	0.002	---	---	25
26	---	---	0.1138	0.076	0.004	0	0	0.001	0.002	0.002	---	---	26
27	---	---	0.0398	0.068	0.004	0	0	0.001	0.001	0.001A	---	---	27
28	---	---	0.0208	0.043	0.004	0	0	0.001	0	0.001E	---	---	28
29	---		0.0048	0.020	0.004	0	0	0.001	0	0.001E	---	---	29
30	---		0.0838	0.006	0.004	0	0	0.001	0	0 E	---	---	30
31	---		0.1118		0.003		0	0.001		0 E		---	31
TOTAL	---	---	0.438	12.868	0.064	0.027	0.024	0.045	0.078	0.018	---	---	TOTAL
MEAN	---	---	0.014	0.432	0.002	0.001	0.001	0.001	0.003	0.001	---	---	MEAN
MAX	---	---	0.112	2.66	0.008	0.003	0.003	0.008	0.008	0.002	---	---	MAX
MIN	---	---	0	0.006	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 2.668 ON APR 2
MINIMUM DAILY, 0B ON MAR 9
MAXIMUM INSTANTANEOUS,
3.508 AT 13:30 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 47 N
LONG 110 08 52 W
DRAINAGE AREA, 1 010 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.07
FEB	---	AUG	3.88
MAR	37.8	SEP	6.67
APR	1 130	OCT	1.58
MAY	5.63	NOV	---
JUN	2.33	DEC	---

TOTAL DISCHARGE, 1 180 dam³

KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE - STATION NO. 07SE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.86	0	0.001	0	0.061	0.001	0	---	---	1
2	---	---	0 B	1.41	0	0	0	0.059	0.001	0	---	---	2
3	---	---	0 B	0.756	0	0	0	0.061	0.001	0	---	---	3
4	---	---	0 B	1.00	0	0	0	0.004	0.001	0	---	---	4
5	---	---	0 B	0.462	0	0	0	0.003	0.001	0	---	---	5
6	---	---	0 B	0.266	0	0.001	0	0.002	0	0	---	---	6
7	---	---	0 B	0.155	0	0.001	0	0.002	0	0	---	---	7
8	---	---	0 B	0.080	0	0	0	0.001	0	0	---	---	8
9	---	---	0 B	0.008	0	0	0	0.278	0	0	---	---	9
10	---	---	0 B	0.006	0	0	0	1.15	0	0	---	---	10
11	---	---	0 B	0.023	0	0	0	0.488	0	0	---	---	11
12	---	---	0 B	0.002	0	0	0	0.189	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0.104	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0.010	0	0	---	---	14
15	---	---	0 B	0.002	0	0	0	0.003	0	0	---	---	15
16	---	---	0 B	0.002	0	0	0	0.002	0	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0.003	0	0	---	---	17
18	---	---	0 B	0.001	0	0	0	0.003	0	0	---	---	18
19	---	0B	0 B	0.001	0	0	0	0.003	0	0	---	---	19
20	---	0B	0 B	0.001	0	0	0	0.003	0	0	---	---	20
21	---	0B	0 B	0	0	0.001	0	0.003	0	0	---	---	21
22	---	0B	0 B	0	0	0.001	0	0.002	0	0	---	---	22
23	---	0B	0 B	0	0	0.001	0	0.002	0	0	---	---	23
24	---	0B	0 B	0	0	0	0	0.002	0	0	---	---	24
25	---	0B	0.0038	0	0	0	0	0.002	0	0	---	---	25
26	---	0B	0.0038	0	0	0	0	0.001	0	0	---	---	26
27	---	0B	0.0048	0	0	0	0	0.001	0	0	---	---	27
28	---	0B	0.0048	0	0	0	0	0.001	0	0	---	---	28
29	---		0.0048	0	0.001	0	0.002	0.001	0	0	---	---	29
30	---		0.0288	0	0.001	0	0.001	0.001	0	0	---	---	30
31	---		1.58		0.001		0.118	0.001		0		---	31
TOTAL	---	---	1.834	8.043	0.003	0.008	0.121	2.450	0.005	0	---	---	TOTAL
MEAN	---	---	0.053	0.201	0	0	0.004	0.079	0	0	---	---	MEAN
MAX	---	---	1.58	1.86	0.001	0.001	0.118	1.15	0.001	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.042
MAXIMUM DAILY, 1.86 ON APR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
3.48 AT 17:30 MST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 28 N
LONG 118 27 37 W
DRAINAGE AREA, 31.6 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.6
FEB	---	AUG	212
MAR	141	SEP	0.43
APR	522	OCT	0
MAY	0.26	NOV	---
JUN	0.62	DEC	---

TOTAL DISCHARGE, 887 dam³

KNEEHILLS CREEK NEAR DRUMHELLER - STATION NO. 05CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.27 B	0.570	0.051	0	0.015	0.013	0	0	---	1
2	---	---	0 B	2.55 B	0.514	0.078	0	0.002	0.015	0	0A	---	2
3	---	---	0 B	4.34 B	0.478	0.068	0.015	0	0.528	0	---	---	3
4	---	---	0 B	12.7 B	0.442	0.061	1.89	0	0.159	0	---	---	4
5	---	---	0 B	12.4 B	0.418	0.053	0.270	0.126	0.064	0	---	---	5
6	---	---	0 B	10.0	0.404	0.053	0.243	0.097	0.043	0	---	---	6
7	---	---	0 B	6.43	0.388	0.068	0.108	0.048	0.043	0	---	---	7
8	---	---	0 B	4.89	0.362	0.064	0.068	0.021	0.018	0	---	---	8
9	---	---	0 B	3.94	0.338	0.054	0.028	0.011	0.010	0	---	---	9
10	---	---	0 B	3.33	0.326	0.058	0.016	0.038	0.008	0	---	---	10
11	---	---	0 B	2.87	0.318	0.050	0.008	0.248	0.003	0	---	---	11
12	---	---	0 B	3.36	0.288	0.042	0.025	0.114	0.002	0	---	---	12
13	---	---	0 B	3.11	0.288	0.027	0.047	0.178	0	0	---	---	13
14	---	---	0 B	1.78	0.260	0.015	0.054	0.384	0	0	---	---	14
15	---	---	0.0118	1.83	0.259	0.007	0.044	0.258	0	0	---	---	15
16	---	---	0.0058	1.32	0.252	0.011	0.045	0.181	0	0	---	---	16
17	---	---	0.0778	1.20	0.252	0.008	0.038	0.092	0	0	---	---	17
18	---	---	0.1818	1.17	0.230	0	0.037	0.048	0	0	---	---	18
19	---	---	0.0828	1.04	0.227	0.181	0.258	0.048	0	0	---	---	19
20	---	---	0.0848	0.938	0.180	0.182	0.114	0.023	0	0	---	---	20
21	---	---	0.0838	0.775	0.168	0.086	0.070	0.014	0	0	---	---	21
22	---	---	0.0848	0.675	0.165	0.023	0.071	0.004	0	0	---	---	22
23	---	0B	0.0288	0.636	0.163	0.004	0.068	0.002	0	0	---	---	23
24	---	0B	0.0278	0.572	0.148	0	0.059	0.001	0	0	---	---	24
25	---	0B	0.0818	0.571	0.146	0	0.140	0	0	0	---	---	25
26	---	0B	0.2478	0.750	0.129	0	0.184	0	0	0	---	---	26
27	---	0B	0.2788	1.09	0.111	0	0.101	0	0	0	---	---	27
28	---	0B	0.3428	0.848	0.103	0	0.088	0	0	0	---	---	28
29	---		0.2098	0.778	0.103	0	0.058	0.053	0	0	---	---	29
30	---		0.7488	0.634	0.101	0	0.037	0.037	0	0	---	---	30
31	---		1.22 B		0.093		0.023	0.017		0		---	31
TOTAL	---	---	3.634	86.480	8.300	1.352	4.330	2.074	0.808	0	---	---	TOTAL
MEAN	---	---	0.117	2.88	0.268	0.048	0.139	0.067	0.030	0	---	---	MEAN
MAX	---	---	1.22	12.7	0.570	0.182	1.89	0.384	0.528	0	---	---	MAX
MIN	---	---	0	0.571	0.093	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.437
MAXIMUM DAILY, 12.78 ON APR 4
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 40 N
LONG 113 51 30 W
DRAINAGE AREA, 2 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	373
FEB	---	AUG	178
MAR	313	SEP	78.2
APR	7 470	OCT	0
MAY	717	NOV	---
JUN	119	DEC	---

TOTAL DISCHARGE, 8 250 dam³

KRAWCHUK DRAINAGE NEAR MCLENNAN - STATION NO. 07HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0	0	0.404	0	0	---	---	1
2	---	---	---	---	0	0	0	0.327	0	0	---	---	2
3	---	---	---	---	0	0	0	0.193	0	0	---	---	3
4	---	---	---	0.7628	0	0	0	0.082	0	0	---	---	4
5	---	---	---	0.4808	0	0	0	0.057	0	0	---	---	5
6	---	---	---	0.380	0	0	0	0.037	0	0	---	---	6
7	---	---	---	0.238	0	0	0.003	0.024	0	0	---	---	7
8	---	---	---	0.188	0	0	0.210	0.033	0	0	---	---	8
9	---	---	---	0.178	0	0	0.104	0.043	0	0	---	---	9
10	---	---	---	0.105	0	0	0.048	1.15	0	0	---	---	10
11	---	---	---	0.088	0	0	0	0.408	0	0	---	---	11
12	---	---	---	0.088	0	0	0	0.120	0	0	---	---	12
13	---	---	---	0.088	0	0	0	0.053	0	0	---	---	13
14	---	---	---	0.048	0	0	0	0.026	0	0	---	---	14
15	---	---	---	0.038	0	0	0	0.013	0	0	---	---	15
16	---	---	---	0.028	0	0	0	0.011	0	0	---	---	16
17	---	---	---	0.027	0	0	0	0.018	0	0	---	---	17
18	---	---	---	0.027	0	0	0	0.017	0	0	---	---	18
19	---	---	---	0.023	0	0	0	0.005	0	0	---	---	19
20	---	---	---	0.018	0	0	0	0	0	0	---	---	20
21	---	---	---	0.008	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---		---	0	0	0	0.551	0	0	0	---	---	29
30	---		---	0	0	0	0.068	0	0	0	---	---	30
31	---		0B		0		0.058	0		0		---	31
TOTAL	---	---	---	---	0	0	1.127	3.047	0	0	---	---	TOTAL
MEAN	---	---	---	---	0	0	0.036	0.098	0	0	---	---	MEAN
MAX	---	---	---	---	0	0	0.551	1.15	0	0	---	---	MAX
MIN	---	---	---	---	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.15 ON AUG 10
MINIMUM DAILY, 0 ON APR 22
MAXIMUM INSTANTANEOUS,
2.05 AT 02:41 MST ON JUL 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 00 N
LONG 117 02 00 W
DRAINAGE AREA, 13.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	97.4
FEB	---	AUG	283
MAR	---	SEP	0
APR	---	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

KYISKAP CREEK NEAR CRANUM - STATION NO 05AB036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0.006	0	0	0	0	0	0	---	---	5
6	---	---	0	0.038	0	0	0	0	0E	0	---	---	6
7	---	---	0	0.018	0	0	0	0	0E	0	---	---	7
8	---	---	0	0.014	0	0	0	0	0E	0	---	---	8
9	---	---	0	0.008	0	0	0	0	0E	0	---	---	9
10	---	---	0	0.002	0	0	0	0	0E	0	---	---	10
11	---	---	0	0.001	0	0	0	0	0E	0	---	---	11
12	---	---	0	0.001	0	0	0	0	0E	0	---	---	12
13	---	---	0	0	0	0	0	0	0E	0	---	---	13
14	---	---	0	0	0	0	0	0.001	0E	0	---	---	14
15	---	---	0	0	0	0	0	0.004	0E	0	---	---	15
16	---	---	0	0	0	0	0	0.025	0E	0	---	---	15
17	---	---	0	0	0	0	0	0.023	0E	0	---	---	17
18	---	---	0	0	0	0	0	0.018	0E	0	---	---	18
19	---	---	0	0	0	0	0.002	0.013	0E	0	---	---	19
20	---	---	0	0	0	0	0	0.007	0E	0	---	---	20
21	---	---	0	0	0	0	0	0.003	0E	0	---	---	21
22	---	---	0	0	0	0	2.33	0	0E	0	---	---	22
23	---	0	0	0	0	0	1.06	0	0E	0	---	---	23
24	---	0	0	0	0	0	0.198	0	0E	0	---	---	24
25	---	0	0	0	0	0	0.024	0.001	0E	0	---	---	25
26	---	0	0	0	0	0	0.009	0.001	0E	0	---	---	26
27	---	0	0	0	0	0	0.004	0	0E	0	---	---	27
28	---	0	0	0	0	0	0.001	0	0E	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0				0	0		0		---	31
TOTAL	---	---	0	0.098	0	0	3.626	0.096	0	0	---	---	TOTAL
MEAN	---	---	0	0.003	0	0	0.117	0.003	0	0	---	---	MEAN
MAX	---	---	0	0.038	0	0	2.33	0.025	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.515
MAXIMUM DAILY, 2.33 ON JUL 22
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.88 AT 08:07 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 58 N
LONG 113 35 25 W
DRAINAGE AREA, 191 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	313
FEB	---	AUG	8.29
MAR	0	SEP	0
APR	7.80	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 329 dam³

L.N.I.D. - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES - STATION NO. DEAC036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	7.77	8.78	1.33	1.90	2.38	---	---	1
2	---	---	---	---	0	8.23	9.84	1.35	1.26	2.31	---	---	2
3	---	---	---	---	0	8.45	10.7	0.888	1.03	2.33	---	---	3
4	---	---	---	---	0	8.85	10.8	1.89	0.925	2.31	---	---	4
5	---	---	---	---	0	8.85	10.5	2.71	0.814	1.81	---	---	5
6	---	---	---	---	0	10.8	10.3	2.46	0.888	2.30	---	---	6
7	---	---	---	---	1.37	10.5	8.67	2.34	0.884	2.44	---	---	7
8	---	---	---	---	2.17	9.88	9.14	2.22	0.887	2.48	---	---	8
9	---	---	---	---	1.28	9.40	9.19	2.24	1.22	1.22	---	---	9
10	---	---	---	---	0.882	9.28	9.40	2.80	0.878	0	---	---	10
11	---	---	---	---	2.41	9.72	9.27	2.14	0.878	0	---	---	11
12	---	---	---	---	3.78	10.7	8.81	1.87	1.34	0	---	---	12
13	---	---	---	---	4.32	10.8	7.74	0.906	1.57	0	---	---	13
14	---	---	---	---	5.86	10.8	7.33	0.462	1.85	0	---	---	14
15	---	---	---	---	6.66	11.3	7.30	0.490	1.76	0	---	---	15
16	---	---	---	---	6.66	11.0	7.35	0.583	1.41	0	---	---	16
17	---	---	---	---	6.76	10.3	7.34	0.893	1.42	0	---	---	17
18	---	---	---	---	7.17	11.1	8.46	1.29	1.36	0	---	---	18
19	---	---	---	---	7.81	11.0	1.31	1.02	1.38	0	---	---	19
20	---	---	---	---	8.98	9.16	2.86	0.938	1.42	0	---	---	20
21	---	---	---	---	8.97	8.32	2.86	1.48	1.51	0	---	---	21
22	---	---	---	---	8.23	6.66	1.87	1.88	2.42	0	---	---	22
23	---	---	---	---	7.82	6.30	2.98	2.00	2.82	0	---	---	23
24	---	---	---	---	7.87	7.84	3.23	1.86	2.70	0	---	---	24
25	---	---	---	---	8.80	7.40	3.22	1.48	3.57	0	---	---	25
26	---	---	---	---	8.88	8.32	3.31	0.378	4.12	0	---	---	26
27	---	---	---	---	8.93	8.02	1.78	0.293	3.26	0	---	---	27
28	---	---	---	---	8.18	8.88	0.888	0.243	2.16	0	---	---	28
29	---		---	---	8.48	8.13	1.03	0.243	2.29	0	---	---	29
30	---		---	---	7.74	8.40	1.12	1.31	2.44	0	---	---	30
31	---		---		7.87		1.18	1.87		0		---	31
TOTAL	---	---	---	---	158.372	277.88	186.848	44.013	82.193	18.84	---	---	TOTAL
MEAN	---	---	---	---	5.11	9.26	6.09	1.42	1.74	0.634	---	---	MEAN
MAX	---	---	---	---	8.18	11.3	10.7	2.71	4.12	2.48	---	---	MAX
MIN	---	---	---	---	0	8.32	0.888	0.243	0.814	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11.3 ON JUN 15
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
12.0 AT 08:45 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 00 N
LONG 113 12 00 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	16 000
FEB	---	AUG	3 800
MAR	---	SEP	4 610
APR	---	OCT	1 700
MAY	13 700	NOV	---
JUN	24 000	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED

LA BICHE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.748	3.388	3.118	2.778	12.1	5.21	2.27	1.84	2.66	3.38	4.46	3.038	1
2	3.738	3.418	3.078	2.808	11.8	4.26	2.18	1.78	3.06	3.87	4.04	3.008	2
3	3.768	3.428	3.068	3.098	11.7	4.74	2.12	1.88	3.32	4.07	4.26	2.868	3
4	3.738	3.388	3.088	3.888	12.3	4.87	2.13	1.46	2.88	3.81	3.80	2.908	4
5	3.698	3.318	3.008	4.268	12.1	4.81	1.81	1.86	2.78	3.51	4.14	2.888	5
6	3.668	3.288	2.988	8.048	12.0	4.86	1.78	1.87	2.86	3.68	4.22	2.808	6
7	3.668	3.228	2.888	16.5 B	11.8	4.13	1.80	1.86	2.64	4.10	4.00	2.808	7
8	3.638	3.208	3.018	17.8 B	11.4	3.76	1.86	1.40	2.63	3.72	3.92	2.788	8
9	3.598	3.158	3.058	18.0 B	11.3	3.67	2.01	1.33	2.93	3.18	4.01	2.708	9
10	3.578	3.188	2.988	16.5 B	10.8	3.56	2.03	1.87	2.94	4.00	3.86	2.748	10
11	3.578	3.178	2.978	14.5 B	10.6	3.30	1.83	2.08	2.62	3.97	3.72	2.768	11
12	3.678	3.188	2.988	14.5 B	10.6	3.34	1.71	2.08	2.86	3.86	3.608	2.788	12
13	3.608	3.188	2.978	15.0 B	9.84	3.52	1.72	1.84	2.72	3.08	3.368	2.708	13
14	3.588	3.128	3.008	14.5 B	9.78	3.08	1.77	1.78	2.64	3.34	3.188	2.868	14
15	3.588	3.118	2.988	14.4 B	9.38	2.83	1.88	1.74	2.82	4.02	2.888	2.838	15
16	3.578	3.128	2.848	14.3 B	9.00	3.04	1.68	1.78	3.40	4.08	3.308	2.488	16
17	3.598	3.148	2.848	14.2	9.16	3.00	1.84	1.78	3.18	3.71	3.808	2.448	17
18	3.578	3.128	2.808	13.8	9.18	2.83	1.48	1.86	3.18	3.44	3.308	2.418	18
19	3.478	3.118	2.908	13.4	8.84	2.81	1.34	1.81	3.26	3.88	3.218	2.488	19
20	3.648	3.128	2.888	13.0	9.02	2.87	1.35	1.83	3.23	4.01	3.618	2.438	20
21	3.488	3.078	2.818	13.1 A	9.26	2.88	1.41	1.88	3.23	4.64	3.888	2.428	21
22	3.488	3.078	2.768	12.8 E	9.18	2.82	1.40	1.85	3.01	3.70	3.628	2.468	22
23	3.488	3.088	2.778	12.4 A	9.02	2.81	1.33	2.01	2.82	4.02	3.588	2.368	23
24	3.438	3.088	2.768	12.8	8.87	2.28	1.28	2.30	2.77	4.78	3.618	2.328	24
25	3.378	3.088	2.738	12.4	8.48	2.11	1.18	2.38	3.28	4.24	3.648	2.388	25
26	3.348	3.088	2.708	12.1	8.10	1.88	1.13	2.36	3.42	3.81	3.008	2.348	26
27	3.368	3.078	2.718	12.3	7.81	1.84	1.08	2.36	3.18	3.88	3.248	2.298	27
28	3.428	3.098	2.708	12.4	8.05	2.00	1.08	2.86	3.43	4.03	3.238	2.228	28
29	3.408		2.738	12.4	7.01	1.87	1.13	2.46	3.48	4.13	3.218	2.108	29
30	3.368		2.708	12.2	8.68	2.12	1.14	2.36	3.87	4.22	3.278	2.068	30
31	3.368		2.778		8.01		1.36	2.36		4.24		2.008	31
TOTAL	109.84	88.88	88.88	388.68	288.82	98.28	48.88	57.90	91.18	118.81	108.80	78.28	TOTAL
MEAN	3.54	3.17	2.90	12.0	9.87	3.21	1.80	1.87	3.04	3.88	3.62	2.88	MEAN
MAX	3.78	3.42	3.11	18.0	12.3	5.21	2.27	2.86	3.87	4.78	4.46	3.03	MAX
MIN	3.34	3.08	2.70	2.77	8.01	1.84	1.08	1.33	2.63	3.08	2.88	2.00	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.24
MAXIMUM DAILY, 18.08 ON APR 9
MINIMUM DAILY, 1.08 ON JUL 27
MAXIMUM INSTANTANEOUS,
18.58 AT 00:43 MST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 56 10 N
LONG 113 30 10 W
DRAINAGE AREA, 4 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 480	JUL	4 290
FEB	7 880	AUG	5 000
MAR	7 770	SEP	7 880
APR	31 000	OCT	10 300
MAY	35 900	NOV	8 270
JUN	8 320	DEC	6 850

TOTAL DISCHARGE, 134 000 dam³

LAC LA BICHE AT LAC LA BICHE - STATION NO. 07CA004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	543.286	543.267	543.241	---	543.311	543.354	543.362	543.328	543.208	543.174	543.071	543.013	1
2	543.283	543.266	543.246	---	543.317	543.355	543.342	543.340	543.209	543.166	543.063	543.014	2
3	543.282	543.266	543.246	---	543.315	543.348	543.351	543.335	543.205A	543.170	543.068	543.011	3
4	543.280	543.262	543.239	---	543.317	543.344	543.351	543.323	543.206	543.173	543.066	543.013	4
5	543.259	543.249	543.239	---	543.316	543.339	543.346	543.332	543.205	543.168	543.065	543.011	5
6	543.280	543.246	543.233	---	543.313	543.351	543.355	543.327	543.205	543.155	543.062	543.011	6
7	543.259	543.243	543.234	---	543.316	543.354	543.350	543.327	543.204	543.147	543.060	543.008	7
8	543.257	543.245	543.235	543.267A	543.324	543.350	543.350	543.321	543.202	543.139	543.057	543.006	8
9	543.256	543.248	543.236	---	543.324	543.347	543.350	543.314	543.207	543.141	543.048	543.009	9
10	543.252	543.244	543.237	---	543.326	543.358	543.357	543.337	543.291	543.138	543.051	543.006	10
11	543.248	543.242	543.238	---	543.322	543.358	543.351	543.341	543.278	543.134	543.050	543.005	11
12	543.248	543.244	543.245	---	543.326	543.357	543.345	543.333	543.262	543.138	543.048	543.005	12
13	543.257	543.248	543.248	---	543.323	543.352	543.345	543.324	543.295	543.137	543.040	543.005	13
14	543.258	543.248A	543.248	543.300A	543.312	543.356	543.342	543.319	543.281	543.121	543.048	543.005	14
15	543.257	543.250A	543.248	543.304A	543.316	543.352	543.343	543.318	543.264	543.118	543.045	543.002	15
16	543.253	543.247A	543.248	543.308	543.313	543.356	543.343	543.315	543.252	543.115	543.044	543.003	16
17	543.254	543.245	543.245	543.308	543.310	543.350	543.343	543.315	543.241	543.118	543.041	543.002	17
18	543.253	543.244	543.244	543.311	543.316	543.351	543.337	543.310	543.234	543.111	543.042	543.001	18
19	543.250	543.242	543.238	543.310	543.313	543.351	543.340	543.311	543.226	543.104	543.038	543.002	19
20	543.251	543.243	543.242	543.312	543.337	543.348	543.348	543.315	543.218	543.084	543.031	543.003	20
21	543.255	543.243	543.243	543.312	543.333	543.355	543.348	543.315	543.220	543.103	543.031	543.000	21
22	543.256	543.241	543.243	543.314	543.332	543.358	543.343	543.310	543.209	543.086	543.028	543.002	22
23	543.256	543.242	543.243	543.315	543.333	543.355	543.341	543.309	543.211	543.078	543.026	543.002	23
24	543.257	543.242	543.240	543.317	543.335	543.357	543.338	543.313	543.194	543.062	543.024	542.998	24
25	543.257	543.243	543.237	543.319	543.331	543.344	543.328	543.315	543.196	543.065	543.023	542.998	25
26	543.255	543.240	543.242	543.313	543.330	543.343	543.328	543.309	543.189	543.063	543.022	542.998	26
27	543.255	543.242	543.243	543.309	543.324	543.347	543.328	543.307	543.180	543.077	543.020	542.997	27
28	543.254	543.241	543.240	543.308	543.331	543.343	543.321	543.311	543.166	543.074	543.018	542.998	28
29	543.254		543.237A	543.311	543.335	543.343	543.317	543.310	543.162	543.074	543.018	543.004	29
30	543.255		---	543.309	543.334	543.357	543.321	543.297	543.162	543.073	543.014	543.003	30
31	543.254		---		543.341		543.324	543.300		543.083		543.003	31
MEAN	543.256	543.248	---	---	543.325	543.352	543.342	543.318	543.248	543.118	543.042	543.005	MEAN
MAX	543.285	543.257	---	---	543.353	543.382	543.380	543.341	543.309	543.174	543.071	543.014	MAX
MIN	543.248	543.240	---	---	543.310	543.339	543.317	543.287	543.162	543.083	543.014	542.998	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 543.382 ON JUN 13
MINIMUM DAILY, 542.998 ON DEC 26
MAXIMUM INSTANTANEOUS,
543.414 AT 18:54 MST ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 46 21 N
LONG 111 59 14 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
4 330 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAC LA NONNE AT LAC LA NONNE - STATION NO. 07BB007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	883.934E	883.907	883.872	883.804E	883.825	883.726	883.646	---	1
2	---	---	883.814	---	883.934E	883.908E	883.883	883.817E	883.815	883.726	883.636	---	2
3	---	---	---	---	883.934	883.908E	883.883	883.829	883.820E	883.724E	883.636	---	3
4	---	---	---	---	883.934	883.906	883.858	883.824	883.825	883.723E	883.631E	---	4
5	---	---	---	---	883.929	883.922	883.848	883.819	883.820	883.721	883.631	---	5
6	---	---	---	883.884	883.928	883.917	883.836	883.818	883.816	883.721	883.636	---	6
7	---	---	---	---	883.929	883.916	883.839	883.815	883.808	883.716	883.636	---	7
8	---	---	---	---	883.928	883.916	883.834	883.810	883.803	883.711	---	---	8
9	---	---	---	---	883.929	883.918	883.834	883.820	883.801	883.716	---	---	9
10	---	---	---	---	883.929	883.906	883.829	883.830	883.796	883.708	---	---	10
11	---	---	---	---	883.934	883.908	883.824	883.833E	883.786	883.706	---	---	11
12	---	---	---	---	883.934	883.904	883.815	883.836	883.781	883.701E	---	---	12
13	---	---	---	---	883.934E	883.888	883.826	883.841	883.781	883.696	---	---	13
14	---	---	---	---	883.934E	883.894	883.815	883.841	883.778	883.686	---	---	14
15	---	---	---	---	883.934E	883.882	883.810	883.841	883.776	883.696	---	---	15
16	---	---	---	---	883.934E	883.894	883.788	883.841	883.788	883.691	---	---	16
17	---	---	---	---	883.934	883.886	883.810	883.837	883.786	883.684E	---	---	17
18	---	---	---	---	883.929	883.876	883.811	883.832	883.788	883.676	---	---	18
19	---	---	---	---	883.924E	883.870	883.781	883.832	883.781	883.676	---	---	19
20	---	---	---	---	883.918	883.870	883.781	883.822	883.781	883.671	---	---	20
21	---	---	---	---	883.928	883.876	883.806	883.822	883.761	883.671E	---	---	21
22	---	---	---	---	883.934	883.878E	883.806	883.823	883.781	883.671	---	---	22
23	---	---	---	---	883.930	883.878E	883.802	883.823	883.781	883.666	---	---	23
24	---	---	---	---	883.918	883.878	883.787	883.833	883.766	883.666	---	---	24
25	---	---	---	---	883.906	883.876	883.787	883.833	883.766	883.661E	---	---	25
26	---	---	---	---	883.906	883.876	883.812	883.843	883.766	883.656	---	---	26
27	---	---	---	---	883.906	883.876	883.807	883.844	883.766	883.656	---	---	27
28	---	---	---	---	883.906	883.876	883.806	883.848	883.746	883.651	---	---	28
29	---		---	---	883.906	883.876	883.798	883.844	883.746	883.651	---	---	29
30	---		---	---	883.906	883.876	883.798	883.834	883.736	883.646	---	---	30
31	---		---		883.907		883.783	883.834		883.646E		---	31
MEAN	---	---	---	---	883.934	883.893	883.819	883.838	883.778	883.686	---	---	MEAN
MAX	---	---	---	---	883.934	883.922	883.872	883.848	883.825	883.726	---	---	MAX
MIN	---	---	---	---	883.906	883.870	883.783	883.804	883.736	883.646	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 41 N
LONG 114 15 43 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
386 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAC STE. ANNE AT ALBERTA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	722.681	722.620E	722.768	722.718E	722.607	722.737	---	---	1
2	---	---	722.781	---	722.681	722.620E	722.768	722.738E	722.607E	722.737	---	---	2
3	---	---	---	---	722.671	722.610	722.758	722.758	722.607E	722.737E	---	---	3
4	---	---	---	---	722.671	722.610	722.758	722.758	722.607	722.737E	---	---	4
5	---	---	---	---	722.664	722.610	722.758	722.758	722.604E	722.737	722.687	---	5
6	---	---	---	722.811	722.671	722.610E	722.768	722.758	722.600E	722.737	---	---	6
7	---	---	---	---	722.671	722.610E	722.768	722.758	722.787	722.737	---	---	7
8	---	---	---	---	722.671	722.600E	722.748	722.600E	722.782	722.730E	---	---	8
9	---	---	---	---	722.668E	722.600	722.744E	722.602E	722.787E	722.714E	---	---	9
10	---	---	---	---	722.661	722.600	722.738	722.604E	722.787	722.707	---	---	10
11	---	---	---	---	722.661	722.600	722.738	722.600E	722.787	722.707	---	---	11
12	---	---	---	---	722.661	722.785E	722.728	722.808	722.787	722.707	---	---	12
13	---	---	---	---	722.658E	722.780	722.724	722.808	722.807	722.707	---	---	13
14	---	---	---	---	722.661	722.780	722.718	722.808	722.762E	722.697	---	---	14
15	---	---	---	---	722.641E	722.778	722.718	722.808	722.777	722.697	---	---	15
16	---	---	---	---	722.631	722.780	722.714E	722.808	722.777	722.697	---	---	16
17	---	---	---	---	722.631	722.780	722.708	722.808E	722.777	722.680E	---	---	17
18	---	---	---	---	722.631	722.780	722.708	722.808	722.777	722.684E	---	---	18
19	---	---	---	---	722.631E	722.770	722.698	722.808	722.767	722.677	---	---	19
20	---	---	---	---	722.631E	722.770	722.698	722.808	722.787	722.677	---	---	20
21	---	---	---	---	722.630	722.770	722.698	722.808	722.787	722.677	---	---	21
22	---	---	---	---	722.630	722.768E	722.698	722.808	722.787	722.677	---	---	22
23	---	---	---	---	722.630	722.768E	722.698	722.808	722.787	722.677	---	---	23
24	---	---	---	---	722.630	722.768E	722.698	722.807	722.787	722.677	---	---	24
25	---	---	---	---	722.630	722.788	722.698	722.807	722.787	722.677E	---	---	25
26	---	---	---	---	722.630	722.788	722.698	722.807	722.787	722.677E	---	---	26
27	---	---	---	---	722.630	722.788	722.698	722.807	722.787	722.677	---	---	27
28	---	---	---	---	722.630	722.788	722.698	722.807E	722.747	722.677	---	---	28
29	---		---	---	722.630	722.788	722.698	722.807E	722.737	722.677	---	---	29
30	---		---	---	722.630E	722.788	722.698	722.807	722.737	722.677	---	---	30
31	---		---		722.630E		722.698	722.807		722.677		---	31
MEAN	---	---	---	---	722.648	722.788	722.722	722.788	722.780	722.698	---	---	MEAN
MAX	---	---	---	---	722.671	722.620	722.788	722.808	722.807	722.737	---	---	MAX
MIN	---	---	---	---	722.630	722.788	722.698	722.718	722.737	722.677	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 40 35 N
LONG 114 21 27 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 702 km²

LAFOND CREEK NEAR RED EARTH CREEK - STATION NO 07JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0248	0.0518	2.68	0.874	0.308	0.582	0.716	0.588	0.484	---	1
2	---	---	0.0238	0.0588	3.11	1.07	0.248	0.749	0.672	0.556	0.484	---	2
3	---	---	0.0238	0.0848	3.84	1.52	0.220	1.19	0.613	0.514	0.468A	---	3
4	---	---	0.0238	0.0768	3.60	2.46	0.218	2.38	0.607	0.488	---	---	4
5	---	---	0.0228	0.0928	3.06	3.85	0.218	3.48	0.584	0.447	---	---	5
6	---	---	0.0228	0.3628	2.76	5.11	0.218	3.71	0.538	0.398	---	---	6
7	---	---	0.0228	0.3788	2.57	5.26	0.208	3.33	0.524	0.412	---	---	7
8	---	---	0.0238	0.3428	2.22	5.36	0.203	2.71	0.501	0.416	---	---	8
9	---	---	0.0238	0.3688	2.03	5.38	0.211	2.20	0.484	0.408	---	---	9
10	---	---	0.0238	0.8428	1.81	5.85	0.172	1.84	0.532	0.402	---	---	10
11	---	---	0.0238	0.6828	1.85	4.74	0.141	1.85	0.517	0.390	---	---	11
12	---	---	0.0238	1.82 E	1.81	3.81	0.111	1.86	0.487	0.388	---	---	12
13	---	---	0.0238	1.66 E	1.61	3.05	0.105	1.81	0.523	0.382	---	---	13
14	---	---	0.0348	1.73 E	1.38	2.36	0.104	1.86	0.533	0.432	---	---	14
15	---	---	0.0348	2.23 E	1.31	1.83	0.094	1.84	0.728	0.402	---	---	15
16	---	---	0.0248	2.33 E	1.32	1.66	0.109	1.66	0.765	0.382	---	---	16
17	---	---	0.0248	2.86 E	1.18	1.33	0.170	1.67	0.703	0.382	---	---	17
18	---	---	0.0248	3.81 E	1.12	1.11	0.180	1.34	0.884	0.388	---	---	18
19	---	---	0.0248	4.21 E	1.01	0.928	0.171	1.30	0.883	0.390	---	---	19
20	---	---	0.0348	4.34 E	0.891	0.768	0.181	1.18	1.06	0.390	---	---	20
21	---	---	0.0258	4.87	0.811	0.686	0.188	1.05	1.10	0.384	---	---	21
22	---	---	0.0258	4.76	0.802	0.682	0.188	1.02	1.12	0.387	---	---	22
23	---	---	0.0258	4.38	0.733	0.518	0.143	0.858	1.06	0.393	---	---	23
24	---	0.0258	0.0368	4.18	0.868	0.522	0.140	0.888	0.887	0.377	---	---	24
25	---	0.0258	0.0318	3.90	0.810	0.488	0.138	0.830	0.888	0.402	---	---	25
26	---	0.0258	0.0288	3.84	0.828	0.404	0.118	0.728	0.833	0.418	---	---	26
27	---	0.0248	0.0278	3.28	0.478	0.328	0.102	0.883	0.788	0.412	---	---	27
28	---	0.0248	0.0218	3.10	0.407	0.288	0.182	0.841	0.704	0.433	---	---	28
29	---		0.0248	2.84	0.388	0.271	0.218	0.858	0.840	0.438	---	---	29
30	---		0.0338	2.74	0.411	0.313	0.248	0.883	0.832	0.481	---	---	30
31	---		0.0528		0.437		0.283	0.737		0.464		---	31
TOTAL	---	---	0.780	88.384	47.038	82.535	5.618	48.718	21.888	13.088	---	---	TOTAL
MEAN	---	---	0.025	3.21	1.52	2.98	0.175	1.81	0.733	0.421	---	---	MEAN
MAX	---	---	0.052	4.87	3.84	5.85	0.308	3.71	1.12	0.588	---	---	MAX
MIN	---	---	0.021	0.051	0.388	0.268	0.094	0.582	0.484	0.382	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 5.85 ON JUN 10
MINIMUM DAILY, 0.0218 ON MAR 26
MAXIMUM INSTANTANEOUS,
5.02 AT 08:00 MST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 04 40 N
LONG 115 05 30 W
DRAINAGE AREA, 491 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	488
FEB	---	AUG	4 040
MAR	88.3	SEP	1 870
APR	5 740	OCT	1 130
MAY	4 080	NOV	---
JUN	5 400	DEC	---

TOTAL DISCHARGE, 22 800 dam³

LAKE ABRAHAM NEAR NORDEGG - STATION NO. 05DC005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1305.48	1301.34	1297.90	1291.88	1288.02	1288.18	1286.08	1304.70	1311.80	1313.70	1312.17	1308.83	1
2	1305.32	1301.20	1298.84	1291.88	1288.13	1288.30	1286.42	1304.88	1311.88	1313.88	1312.14	1308.72	2
3	1305.18	1301.08	1298.71	1291.80	1288.12	1288.88	1286.88	1305.24	1312.16	1313.87	1312.07	1308.81	3
4	1305.08	1300.88	1298.83	1291.30	1288.07	1288.87	1287.83	1305.81	1312.38	1313.87	1312.02	1308.80	4
5	1304.84	1300.78	1298.38	1291.12	1288.88	1287.07	1288.14	1305.80	1312.40	1313.82	1311.88	1308.38	5
6	1304.80	1300.80	1298.34	1290.90	1288.81	1287.82	1288.84	1306.03	1312.88	1313.87	1311.82	1308.28	6
7	1304.87	1300.88	1298.08	1290.78	1288.81	1288.10	1288.88	1306.28	1312.88	1313.48	1311.88	1308.18	7
8	1304.88	1300.37	1298.87	1290.47	1288.80	1288.48	1289.17	1306.80	1312.78	1313.38	1311.88	1308.10	8
9	1304.41	1300.21	1298.78	1290.27	1288.11	1288.87	1289.38	1306.80	1312.88	1313.32	1311.78	1308.02	9
10	1304.32	1300.08	1298.81	1290.08	1288.30	1289.37	1289.83	1307.28	1313.03	1313.28	1311.80	1308.82	10
11	1304.18	1299.90	1298.41	1289.82	1288.33	1289.88	1289.88	1307.83	1313.17	1313.21	1311.81	1308.82	11
12	1304.08	1299.74	1298.23	1289.84	1288.44	1289.88	1289.87	1307.81	1313.28	1313.18	1311.42	1308.78	12
13	1303.87	1299.88	1298.07	1289.43	1288.82	1290.40	1289.88	1308.17	1313.28	1313.10	1311.33	1308.80	13
14	1303.73	1299.43	1294.87	1289.19	1288.89	1290.81	1300.19	1308.44	1313.44	1313.08	1311.28	1308.48	14
15	1303.87	1299.28	1294.88	1288.98	1288.88	1291.40	1300.44	1308.70	1313.81	1313.08	1311.17	1308.38	15
16	1303.43	1299.12	1294.70	1288.78	1288.85	1292.04	1300.84	1308.83	1313.73	1312.87	1311.13	1308.28	16
17	1303.31	1298.96	1294.85	1288.80	1288.84	1292.48	1300.78	1309.13	1313.78	1312.81	1311.08	1308.14	17
18	1303.18	1298.80	1294.38	1288.38	1288.81	1292.72	1300.88	1309.34	1313.78	1312.84	1310.88	1308.01	18
19	1303.07	1298.83	1294.22	1288.21	1288.82	1292.88	1301.03	1309.84	1313.73	1312.78	1310.88	1307.81	19
20	1302.91	1298.44	1294.08	1287.98	1288.71	1293.30	1301.08	1309.74	1313.74	1312.78	1310.78	1307.78	20
21	1302.78	1298.28	1293.88	1287.72	1288.88	1293.78	1301.18	1309.81	1313.71	1312.84	1310.71	1307.87	21
22	1302.88	1298.18	1293.71	1287.83	1288.48	1294.14	1301.38	1310.08	1313.71	1312.83	1310.81	1307.85	22
23	1302.83	1297.98	1293.88	1287.31	1288.33	1294.33	1301.88	1310.24	1313.74	1312.88	1310.88	1307.45	23
24	1302.41	1297.88	1293.38	1287.10	1288.22	1294.38	1301.78	1310.43	1313.77	1312.84	1310.48	1307.38	24
25	1302.28	1297.78	1293.20	1286.88	1288.88	1294.38	1302.08	1310.83	1313.77	1312.82	1310.41	1307.28	25
26	1302.13	1297.88	1293.00	1286.88	1288.87	1294.43	1302.48	1310.80	1313.82	1312.48	1310.30	1307.10	26
27	1302.00	1297.41	1292.83	1286.48	1288.84	1294.88	1302.78	1310.88	1313.85	1312.43	1310.18	1308.88	27
28	1301.88	1297.18	1292.87	1286.28	1288.81	1295.03	1303.08	1311.17	1313.83	1312.37	1310.08	1308.81	28
29	1301.72		1292.48	1286.10	1288.82	1295.38	1303.41	1311.37	1313.78	1312.32	1310.02	1308.83	29
30	1301.88		1292.28	1285.88	1288.10	1295.88	1303.83	1311.83	1313.74	1312.28	1309.82	1308.48	30
31	1301.48		1292.08		1288.20		1304.28	1311.84		1312.23		1308.38	31
MEAN	1303.47	1299.33	1294.83	1288.80	1288.28	1291.28	1300.42	1308.87	1313.38	1312.88	1311.14	1308.20	MEAN
MAX	1305.48	1301.34	1297.90	1291.88	1288.82	1295.88	1304.28	1311.84	1313.85	1313.70	1312.17	1308.83	MAX
MIN	1301.48	1297.18	1292.08	1285.88	1285.81	1288.18	1286.08	1304.70	1311.80	1312.22	1309.82	1308.38	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1301.88
MAXIMUM DAILY, 1313.85 ON SEP 27
MINIMUM DAILY, 1285.81 ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 28 N
LONG 115 18 42 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1972

DRAINAGE AREA,
3 880 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT BUSTARD ISLAND - STATION NO 07HD002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.634	208.693	208.697	208.664	208.890	208.162	208.220	208.421	---	208.930	208.674	208.520	1
2	208.618	208.669	208.692	208.661	208.885	208.173	208.217	208.188	---	208.882	208.673	208.527	2
3	208.641	208.681	208.684	208.643	208.881	208.186	208.267	208.046	---	208.893	208.618	208.534	3
4	208.631	208.667	208.667	208.657	208.814	208.133	208.253	208.033	---	208.844	208.668	208.509	4
5	208.628	208.688	208.685	208.637	208.817	208.182	208.264	208.028	---	208.883	208.627	208.481	5
6	208.623	208.693	208.690	208.658	208.828	208.178	208.268	208.036	---	208.881	208.678	208.524	6
7	208.601	208.680	208.682	208.659	208.835	208.132	208.291	208.085	---	208.128	208.804	208.488	7
8	208.786	208.670	208.804	208.678	208.808	208.181	208.267	208.108	208.148	208.837	208.693	208.478	8
9	208.806	208.674	208.802	208.686	208.874	208.202	208.274	208.122	208.141	208.894	---	208.488	9
10	208.797	208.681	208.874	208.686	208.871	208.187	208.238	208.174	208.130	208.788	---	208.800	10
11	208.772	208.680	208.688	208.672	208.881	208.148	208.231	208.088	208.083	208.788	---	208.480	11
12	208.783	208.678	208.683	208.682	208.200	208.186	208.278	208.087	208.081	208.788	208.588	208.488	12
13	208.748	208.684	208.680	208.671	208.123	208.083	208.248	208.118	208.041	208.787	---	208.488	13
14	208.783	208.648	208.681	208.682	208.148	208.102	208.228	208.187	208.062	208.771	---	208.517	14
15	208.770	208.648	208.688	208.681	208.078	208.231	208.178	208.181	208.184	208.777	---	208.488	15
16	208.748	208.688	208.687	208.683	208.111	208.248	208.288	208.208	208.888	208.883	---	208.483	16
17	208.778	208.684	208.675	208.680	208.188	208.188	208.228	208.220	208.001	208.834	---	208.481	17
18	208.783	208.688	208.672	208.881	208.143	208.228	208.200	208.147	208.884	208.748	---	208.481	18
19	208.734	208.648	208.677	208.614	208.158	208.234	208.143	208.140	208.018	208.782	---	208.487	19
20	208.741	208.641	208.687	208.638	208.132	208.274	208.203	208.218	208.841	208.783	---	208.474	20
21	208.737	208.638	208.671	208.644	208.100	208.258	208.140	208.201	208.848	208.727	---	208.504	21
22	208.783	208.637	208.678	208.888	208.117	208.242	208.135	208.178	208.887	208.738	---	208.508	22
23	208.787	208.632	208.870	208.877	208.182	208.218	208.207	208.174	208.884	208.838	---	208.481	23
24	208.734	208.628	208.878	208.711	208.180	208.248	208.188	208.148	208.881	208.838	---	208.482	24
25	208.728	208.618	208.888	208.782	208.141	208.288	208.180	208.188	208.872	208.878	---	208.478	25
26	208.888	208.621	208.843	208.778	208.187	208.282	208.184	---	208.827	208.881	---	208.482	26
27	208.788	208.683	208.818	208.834	208.185	208.284	208.118	---	208.801	208.878	208.481	208.481	27
28	208.718	208.823	208.843	208.883	208.178	208.278	208.184	---	208.887	208.788	208.488	208.478	28
29	208.713		208.858	208.848	208.184	208.288	208.188	---	208.842	208.884	208.478	208.438	28
30	208.880		208.871	208.888	208.182	208.280	208.128	---	208.888	208.858	208.800	208.447	30
31	208.888		208.888		208.238		208.128	---		208.728		208.478	31
MEAN	208.782	208.687	208.878	208.844	208.111	208.207	208.213	---	---	208.788	---	208.488	MEAN
MAX	208.841	208.883	208.884	208.888	208.238	208.288	208.317	---	---	208.138	---	208.534	MAX
MIN	208.888	208.818	208.818	208.837	208.888	208.853	208.118	---	---	208.838	---	208.438	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 58 N
LONG 110 48 48 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

DRAINAGE AREA,
371 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT FORT CHIPEWYAN - STATION NO. 07MD001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.705	---	208.488	208.373	---	---	208.187	208.662	208.137	208.660	208.482	208.484	1
2	208.679	---	208.498	208.367	---	---	208.345	208.262	208.112	208.784	208.348	208.488	2
3	208.706	---	208.488	208.374	---	---	208.272	208.078	208.123	208.736	208.308	208.497	3
4	208.693	---	208.482	208.387	---	---	208.214	208.068	208.111	208.780	208.435	208.471	4
5	208.688	---	208.485	208.384	208.818	208.144	208.243	208.058	208.088	208.814	208.548	208.462	5
6	208.688	---	208.488	208.393	---	208.204	208.282	208.887	208.780	208.809	208.844	208.484	6
7	208.687	---	208.485	208.374	---	208.108	208.252	208.843	208.084	208.384	208.582	208.458	7
8	208.681	---	208.484	208.402	---	208.122	208.238	208.050	208.112	208.818	208.563	208.427	8
9	208.657	---	208.480	208.401	---	208.208	208.268	208.130	208.132	208.586	208.581	208.488	9
10	208.638	---	208.488	208.425	---	208.183	208.214	208.188	208.118	208.712	208.584	208.483	10
11	208.640	208.841	208.484	208.438	---	208.082	208.178	208.082	208.088	208.788	208.485	208.488	11
12	208.654	208.858	208.484	208.430	---	208.182	208.262	208.877	208.087	208.873	208.483	208.440	12
13	208.613	208.848	208.482	208.471	---	208.803	208.181	208.087	208.083	208.809	208.562	208.448	13
14	208.628	208.827	208.485	208.474	---	208.881	208.172	208.182	208.058	208.898	208.536	208.485	14
15	208.634	208.848	208.424	208.487	---	208.288	208.037	208.183	208.307	208.714	208.323	208.481	15
16	208.613	208.858	208.417	208.484	---	208.241	208.250	208.177	208.788	208.808	208.431	208.488	16
17	208.623	208.858	208.442	208.507	---	208.051	208.188	208.182	208.873	208.485	208.440	208.487	17
18	208.618	208.830	208.420	208.538	---	208.208	208.142	208.133	208.939	208.823	208.426	208.474	18
19	208.588	208.817	208.383	208.585	---	208.213	208.140	208.144	208.878	208.707	208.415	208.444	19
20	208.618	208.802	208.388	208.587	---	208.288	208.148	208.182	208.923	208.708	208.480	208.481	20
21	208.617	208.818	208.388	208.883	---	208.410	208.078	208.183	208.850	208.888	208.318	208.488	21
22	208.844	208.826	208.382	208.818	---	208.208	208.048	208.128	208.848	208.878	208.427	208.488	22
23	208.831	208.817	208.404	208.828	---	208.158	208.187	208.137	208.933	208.883	208.437	208.447	23
24	208.817	208.802	208.407	208.882	---	208.184	208.173	208.147	208.813	208.818	208.448	208.448	24
25	208.804	208.808	208.417	208.824	208.088	208.247	208.148	208.113	208.838	208.401	208.418	208.438	25
26	208.808	208.818	208.388	208.888	---	208.201	208.137	208.182	208.878	208.812	208.424	208.428	26
27	208.883	208.828	208.388	208.848	---	208.348	208.054	208.158	208.848	208.828	208.388	208.418	27
28	208.811	208.488	208.383	208.828	---	208.271	208.122	208.183	208.748	208.841	208.411	208.418	28
29	---		208.388	---	---	208.302	208.118	208.137	208.813	208.877	208.438	208.484	29
30	---		208.382	---	---	208.282	208.181	208.088	208.733	208.888	208.484	208.418	30
31	---		208.388		---		208.088	208.138		208.787		208.431	31
MEAN	---	---	208.438	---	---	---	208.178	208.128	208.887	208.888	208.488	208.488	MEAN
MAX	---	---	208.488	---	---	---	208.348	208.852	208.387	208.884	208.844	208.487	MAX
MIN	---	---	208.388	---	---	---	208.037	208.088	208.733	208.481	208.388	208.484	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 208.852 ON AUG 1
MINIMUM DAILY, 208.388 ON NOV 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 42 40 N
LONG 111 08 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER - STATION NO 07KF002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.184	208.138	208.188	208.187	208.483	---	208.371	208.082	208.281	208.047	208.080	208.000	1
2	208.182	208.142	208.180	208.188	208.487	---	208.382	208.258	208.288	208.082	208.023	208.008	2
3	208.188	208.148	208.184	208.184	208.431	208.378	208.372	208.382	208.288	208.188	208.188	208.884	3
4	208.187	208.188	208.188	208.187	208.373	208.382	208.388	208.381	208.283	208.138	208.834	208.888	4
5	208.188	208.181	208.171	208.188	208.348	208.384	208.381	208.328	208.284	208.083	208.884	208.888	5
6	208.183	208.133	208.171	208.188	208.383	208.388	208.382	208.328	208.827	208.048	208.888	208.888	6
7	208.188	208.142	208.178	208.187	208.417	208.348	208.331	208.387	208.288	208.888	208.878	208.883	7
8	208.888	208.138	208.178	208.181	---	208.388	208.387	208.388	208.214	208.027	208.801	208.888	8
9	208.887	208.188	208.188	208.188	---	208.377	208.382	208.388	208.218	208.848	208.818	208.888	9
10	208.872	208.188	208.188	208.188	---	208.388	208.388	208.387	208.187	208.878	208.834	208.888	10
11	208.888	208.188	208.188	208.182	---	208.888	208.314	208.433	208.184	208.838	208.834	208.881	11
12	208.887	208.182	208.188	208.182	---	208.442	208.282	208.881	208.187	208.132	208.888	208.888	12
13	208.188	208.187	208.174	208.187	---	208.747	208.388	208.488	208.228	208.228	208.887	208.888	13
14	208.112	208.148	208.188	208.282	---	208.888	208.388	208.418	208.188	208.088	208.877	208.882	14
15	208.184	208.141	208.184	208.218	---	208.338	208.374	208.388	208.818	208.888	208.887	208.888	15
16	208.111	208.143	208.148	208.221	---	208.418	208.388	208.384	208.328	208.138	208.887	208.888	16
17	208.187	208.148	208.188	208.231	---	208.487	208.284	208.411	208.213	208.248	208.884	208.884	17
18	208.888	208.138	208.174	208.242	---	208.388	208.273	208.388	208.173	208.131	208.888	208.888	18
19	208.888	208.148	208.171	208.253	208.478	208.384	208.274	208.482	208.178	208.848	208.812	208.888	19
20	208.111	208.148	208.188	208.271	---	208.388	208.283	208.382	208.188	208.842	208.818	208.882	20
21	208.118	208.181	208.184	208.281	---	208.388	208.348	208.378	208.182	208.877	208.817	208.888	21
22	208.124	208.148	208.188	208.311	---	208.584	208.278	208.382	208.188	208.858	208.818	208.888	22
23	208.123	208.142	208.188	208.332	---	208.488	208.188	208.388	208.184	208.888	208.813	---	23
24	208.118	208.133	208.178	208.384	---	208.487	208.188	208.344	208.142	208.821	208.811	---	24
25	208.883	208.138	208.173	208.378	---	208.373	208.184	208.382	208.134	208.888	208.887	---	25
26	208.888	208.148	208.178	208.418	---	208.414	208.228	208.348	208.188	208.887	208.883	---	26
27	208.888	208.183	208.172	208.482	---	208.388	208.281	208.327	208.188	208.888	208.882	---	27
28	208.888	208.184	208.177	208.831	---	208.388	208.182	208.344	208.247	208.888	208.888	---	28
29	208.888		208.188	208.827	---	208.341	208.288	208.388	208.888	208.888	208.883	---	29
30	208.877		208.188	208.812	---	208.388	208.227	208.323	208.288	208.878	208.887	---	30
31	208.184		208.187		---		208.228	208.334		208.888		---	31
MEAN	208.181	208.148	208.188	208.278	---	---	208.283	208.388	208.217	208.844	208.878	---	MEAN
MAX	208.124	208.181	208.187	208.831	---	---	208.374	208.881	208.827	208.248	208.188	---	MAX
MIN	208.887	208.138	208.148	208.188	---	---	208.184	208.882	208.818	208.888	208.888	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 208.747 ON JUN 13
MINIMUM DAILY, 208.888 ON NOV 6
MAXIMUM INSTANTANEOUS,
208.888 AT 13:88 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 88 N
LONG 111 41 58 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE MINNEWANKA NEAR BANFF - STATION NO. 05BD003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1472.16	1471.70	1470.36	1468.10	1468.37	1468.85	1468.87	1471.25	1472.66	1473.31	1473.08	1472.30	1
2	1472.11	1471.65	1470.30	1468.04	1468.42	1468.88	1468.87	1471.30	1472.62	1473.30	1473.03	1472.24	2
3	1472.06	1471.57	1470.26	1468.00	1468.48	1468.88	1468.86	1471.35	1472.66	1473.31	1473.02	1472.23	3
4	1472.00	1471.50	1470.18	1468.00	1468.48	1468.80	1468.89	1471.36	1472.68	1473.33	1472.98	1472.20	4
5	1472.02	1471.46	1470.14	1468.01	1468.49	1468.84	1470.08	1471.44	1472.73	1473.35	1472.86	1472.18	5
6	1472.88	1471.37	1470.07	1468.07	1468.48	1468.72	1470.11	1471.48	1472.78	1473.34	1472.84	1472.18	6
7	1472.81	1471.36	1470.07	1468.02	1468.48	1468.77	1470.18	1471.83	1472.79	1473.38	1472.81	1472.14	7
8	1472.85	1471.33	1470.05	1468.08	1468.48	1468.83	1470.20	1471.86	1472.81	1473.38	1472.83	1472.10	8
9	1472.78	1471.27	1470.03	1468.03	1468.86	1468.87	1470.32	1471.88	1472.86	1473.33	1472.88	1472.08	9
10	1472.78	1471.18	1468.87	1468.77	1468.82	1468.93	1470.38	1471.88	1472.88	1473.33	1472.86	1472.03	10
11	1472.77	1471.12	1468.83	1468.78	1468.82	1468.87	1470.30	1471.78	1472.82	1473.32	1472.81	1471.98	11
12	1472.73	1471.08	1468.88	1468.78	1468.85	1468.83	1470.33	1471.75	1472.84	1473.31	1472.78	1471.87	12
13	1472.68	1470.98	1468.80	1468.78	1468.85	1468.85	1470.37	1471.80	1472.88	1473.31	1472.78	1471.84	13
14	1472.84	1470.88	1468.80	1468.72	1468.88	1468.15	1470.38	1471.88	1472.88	1473.32	1472.74	1471.88	14
15	1472.67	1470.98	1468.81	1468.88	1468.88	1468.20	1470.40	1471.80	1473.00	1473.29	1472.74	1471.88	15
16	1472.61	1470.80	1468.78	1468.88	1468.84	1468.33	1470.41	1471.88	1473.02	1473.27	1472.70	1471.80	16
17	1472.48	1470.83	1468.88	1468.88	1468.84	1468.44	1470.43	1472.00	1473.03	1473.26	1472.68	1471.78	17
16	1472.44	1470.78	1468.88	1468.88	1468.83	1468.80	1470.48	1472.04	1473.06	1473.25	1472.83	1471.71	16
19	1472.38	1470.71	1468.88	1468.88	1468.82	1468.88	1470.81	1472.08	1473.08	1473.24	1472.81	1471.88	19
20	1472.33	1470.68	1468.82	1468.84	1468.80	1468.86	1470.87	1472.13	1473.10	1473.23	1472.87	1471.84	20
21	1472.28	1470.84	1468.82	1468.88	1468.87	1468.72	1470.80	1472.16	1473.12	1473.21	1472.84	1471.82	21
22	1472.20	1470.84	1468.83	1468.86	1468.84	1468.78	1470.87	1472.22	1473.16	1473.20	1472.84	1471.88	22
23	1472.13	1470.88	1468.48	1468.82	1468.87	1468.80	1470.78	1472.28	1473.17	1473.17	1472.84	1471.82	23
24	1472.08	1470.83	1468.42	1468.48	1468.80	1468.88	1470.83	1472.30	1473.16	1473.16	1472.80	1471.80	24
25	1472.04	1470.47	1468.37	1468.46	1468.87	1468.88	1470.88	1472.34	1473.21	1473.16	1472.48	1471.48	25
26	1472.02	1470.40	1468.31	1468.46	1468.84	1468.80	1470.88	1472.38	1473.24	1473.13	1472.41	1471.48	26
27	1471.88	1470.38	1468.28	1468.41	1468.83	1468.84	1471.03	1472.41	1473.28	1473.11	1472.38	1471.42	27
28	1471.88	1470.34	1468.23	1468.37	1468.81	1468.88	1471.04	1472.46	1473.37	1473.10	1472.38	1471.38	28
29	1471.82		1468.28	1468.37	1468.80	1468.88	1471.11	1472.48	1473.36	1473.07	1472.38	1471.38	29
30	1471.78		1468.20	1468.37	1468.83	1468.86	1471.17	1472.81	1473.39	1473.08	1472.31	1471.32	30
31	1471.71		1468.18		1468.88		1471.20	1472.88		1473.04		1471.28	31
MEAN	1472.48	1470.87	1468.73	1468.71	1468.88	1468.28	1470.80	1471.83	1472.88	1473.24	1472.70	1471.80	MEAN
MAX	1473.16	1471.70	1470.36	1468.10	1468.88	1468.88	1471.20	1472.88	1473.28	1473.38	1473.08	1472.30	MAX
MIN	1471.71	1470.34	1468.18	1468.37	1468.88	1468.88	1468.88	1471.28	1472.88	1473.04	1472.31	1471.28	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1471.88
MAXIMUM DAILY, 1473.38 ON OCT 7
MINIMUM DAILY, 1468.37 ON APR 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 14 10 N
LONG 115 28 10 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
847 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE SHERBURNE - STATION NO. 05AE036

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1453.828	1454.306	1454.827	1450.430	1452.747	1459.346	1458.270	1458.297	1454.539	1452.540	1452.408	1452.885	1
2	1453.938	1454.311	1454.852	1450.305	1453.188	1459.312	1458.180	1458.282	1454.274	1452.524	1452.421	1452.874	2
3	1453.870	1454.318	1454.882	1450.190	1453.478	1459.308	1458.082	1458.255	1453.984	1452.509	1452.430	1452.707	3
4	1453.980	1454.340	1454.845	1450.080	1453.685	1459.328	1458.986	1458.230	1453.732	1452.470	1452.436	1452.735	4
5	1453.986	1454.386	1454.811	1449.983	1453.883	1459.348	1458.818	1458.138	1453.439	1452.484	1452.442	1452.788	5
6	1453.980	1454.372	1454.887	1449.903	1454.131	1459.378	1458.903	1458.015	1453.188	1452.438	1452.481	1452.798	6
7	1454.008	1454.383	1454.843	1449.830	1454.387	1459.386	1458.827	1458.883	1452.893	1452.402	1452.483	1452.838	7
8	1454.033	1454.388	1454.433	1449.780	1454.888	1459.373	1458.821	1458.788	1452.741	1452.372	1452.483	1452.872	8
9	1454.088	1454.408	1454.271	1449.888	1455.016	1459.349	1458.847	1458.830	1452.704	1452.387	1452.482	1452.908	9
10	1454.083	1454.417	1454.078	1449.843	1455.383	1459.318	1458.788	1458.488	1452.718	1452.338	1452.481	1452.888	10
11	1454.108	1454.423	1453.886	1449.412	1455.873	1459.288	1458.708	1458.322	1452.718	1452.320	1452.481	1452.882	11
12	1454.108	1454.426	1453.884	1449.288	1456.880	1459.281	1458.638	1458.173	1452.738	1452.283	1452.484	1453.034	12
13	1454.107	1454.438	1453.848	1449.183	1458.318	1459.315	1458.828	1458.017	1452.738	1452.274	1452.808	1453.048	13
14	1454.107	1454.447	1453.278	1449.188	1458.887	1459.378	1458.414	1457.884	1452.718	1452.244	1452.818	1453.073	14
15	1454.118	1454.481	1453.088	1448.888	1458.880	1459.422	1458.263	1457.748	1452.707	1452.280	1452.818	1453.087	15
16	1454.134	1454.487	1452.888	1448.287	1457.068	1459.437	1458.138	1457.587	1452.688	1452.285	1452.818	1453.118	16
17	1454.148	1454.488	1453.701	1448.818	1457.278	1459.428	1458.084	1457.488	1452.701	1452.271	1452.834	1453.143	17
18	1454.181	1454.478	1453.814	1448.781	1457.488	1459.415	1458.033	1457.328	1452.683	1452.278	1452.843	1453.184	18
19	1454.187	1454.483	1453.318	1448.843	1457.588	1459.388	1457.983	1457.178	1452.677	1452.287	1452.881	1453.188	19
20	1454.178	1454.488	1453.138	1450.043	1457.678	1459.388	1457.978	1458.888	1452.668	1452.298	1452.882	1453.201	20
21	1454.184	1454.518	1451.888	1450.128	1457.788	1459.380	1457.938	1458.818	1452.688	1452.311	1452.878	1453.218	21
22	1454.208	1454.521	1451.808	1450.287	1457.888	1459.314	1458.182	1458.842	1452.848	1452.328	1452.885	1453.228	22
23	1454.218	1454.538	1451.858	1450.488	1457.871	1459.288	1458.878	1458.488	1452.837	1452.338	1452.818	1453.244	23
24	1454.228	1454.548	1451.818	1450.588	1458.087	1458.308	1458.848	1458.281	1452.832	1452.348	1452.818	1453.288	24
25	1454.241	1454.587	1451.384	1450.723	1458.138	1459.318	1459.038	1458.118	1452.813	1452.387	1452.881	1453.288	25
26	1453.942	1454.572	1451.271	1450.818	1458.288	1459.338	1459.148	1458.817	1452.881	1452.388	1452.887	1453.298	26
27	1454.281	1454.582	1451.143	1451.080	1458.847	1459.387	1459.248	1458.708	1452.885	1452.384	1452.818	1453.338	27
28	1454.277	1454.603	1450.988	1451.283	1458.828	1459.388	1459.322	1458.478	1452.878	1452.388	1452.828	1453.338	28
29	1454.278		1450.882	1451.888	1458.828	1459.385	1459.382	1458.248	1452.887	1452.387	1452.828	1453.338	29
30	1454.284		1450.718	1452.287	1458.224	1459.348	1459.388	1458.824	1452.881	1452.388	1452.828	1453.341	30
31	1454.289		1450.888		1458.358		1459.338	1454.788		1452.408		1453.358	31
MEAN	1454.128	1454.451	1452.887	1450.128	1456.821	1459.353	1458.748	1457.488	1452.888	1452.381	1452.828	1453.078	MEAN
MAX	1454.288	1454.603	1454.882	1452.287	1458.358	1459.437	1459.388	1458.297	1454.539	1452.548	1452.831	1453.358	MAX
MIN	1453.828	1454.308	1450.888	1448.188	1452.747	1459.288	1457.838	1454.788	1452.881	1452.244	1452.408	1452.885	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1454.881
MAXIMUM DAILY, 1459.437 ON JUN 16
MINIMUM DAILY, 1448.188 ON APR 14
MAXIMUM INSTANTANEOUS,
1459.443 AT 17:00 MST ON JUN 16

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 43 N
LONG 113 31 15 W

REGULATED

DRAINAGE AREA,
187 km²

WATER LEVELS ARE REFERRED TO UNITED STATES RECLAMATION SERVICE DATUM
APPLY 3.660 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LALBY CREEK NEAR SIRDUXVILLE - STATION NO. 07EJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.188	0.081	0.002	0	0	0	---	---	1
2	---	---	0B	0.0018	0.159	0.060	0.003	0.001	0	0	---	---	2
3	---	---	0B	0.0018	0.148	0.080	0.003	0.002	0	0	---	---	3
4	---	---	0B	0.0088	0.147	0.081	0.003	0.004	0	0	---	---	4
5	---	---	0B	0.1788	0.148	0.033	0.003	0.005	0	0	---	---	5
6	---	---	0B	0.4788	0.181	0.048	0.003	0.005	0	0	---	---	6
7	---	---	0B	1.06 B	0.171	0.047	0.003	0.004	0	0	---	---	7
8	---	---	0B	2.22 B	0.182	0.058	0.004	0.003	0	0	---	---	8
9	---	---	0B	3.07 B	0.180	0.058	0.003	0.003	0	0	---	---	9
10	---	---	0B	4.21 B	0.208	0.049	0.004	0.008	0	0	---	---	10
11	---	---	0B	7.20 B	0.208	0.034	0.004	0.008	0	0	---	---	11
12	---	---	0B	4.28 B	0.180	0.026	0.005	0.008	0	0	---	---	12
13	---	---	0B	2.18	0.187	0.017	0.004	0.006	0	0	---	---	13
14	---	---	0B	1.08	0.152	0.012	0.008	0.005	0	0	---	---	14
15	---	---	0B	0.876	0.147	0.009	0.004	0.004	0	0	---	---	15
16	---	---	0B	0.333	0.133	0.008	0.004	0.003	0	0	---	---	16
17	---	---	0B	0.273	0.110	0.008	0.005	0.003	0	0	---	---	17
18	---	---	0B	0.172	0.102	0.008	0.008	0.002	0	0	---	---	18
19	---	---	0B	0.178	0.102	0.008	0.004	0.003	0	0	---	---	19
20	---	0B	0B	0.153	0.108	0.007	0.003	0.003	0	0	---	---	20
21	---	0B	0B	0.152	0.081	0.007	0.003	0.002	0	0	---	---	21
22	---	0B	0B	0.130	0.083	0.008	0.001	0.002	0	0	---	---	22
23	---	0B	0B	0.128	0.085	0.004	0	0.001	0	0	---	---	23
24	---	0B	0B	0.134	0.084	0.001	0	0	0	0	---	---	24
25	---	0B	0B	0.136	0.063	0	0	0	0	0	---	---	25
26	---	0B	0B	0.132	0.085	0	0	0	0	0	---	---	26
27	---	0B	0B	0.108	0.086	0.001	0	0	0	0	---	---	27
28	---	0B	0B	0.130	0.088	0.001	0	0	0	0	---	---	28
29	---		0B	0.188	0.010	0.002	0	0	0	0	---	---	29
30	---		0B	0.208	0.084	0.002	0	0	0	0	---	---	30
31	---		0B		0.072		0	0		0		---	31
TOTAL	---	---	0	39.138	3.783	0.714	0.077	0.081	0	0	---	---	TOTAL
MEAN	---	---	0	0.871	0.131	0.024	0.002	0.003	0	0	---	---	MEAN
MAX	---	---	0	7.20	0.208	0.081	0.005	0.008	0	0	---	---	MAX
MIN	---	---	0	0	0.010	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.138
MAXIMUM DAILY, 7.208 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.188 AT 11:30 MST ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 47 39 N
LONG 117 30 10 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.88
FEB	---	AUG	7.00
MAR	0	SEP	0
APR	2 520	OCT	0
MAY	328	NOV	---
JUN	81.7	DEC	---

TOTAL DISCHARGE, 3 920 dam³

LATERAL 10 SPILLWAY NEAR CHIN - STATION NO. 05AC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.002	0.322	0.207	0.442	0.273	0.241	0	---	1
2	---	---	---	---	0	0.287	0.193	0.437	0.288	0.230	0	---	2
3	---	---	---	---	0	0.418	0.248	0.348	0.339	0.136	0	---	3
4	---	---	---	---	0	0.338	0.258	0.288	0.388	0.188	0A	---	4
5	---	---	---	---	0	0.272	0.308	0.340	0.407	0.283	---	---	5
6	---	---	---	---	0	0.341	0.334	0.363	0.278	0.258	---	---	6
7	---	---	---	---	0	0.381	0.298	0.378	0.331	0.204	---	---	7
8	---	---	---	---	0.048	0.371	0.282	0.438	0.318	0.171	---	---	8
9	---	---	---	---	0.181	0.304	0.324	0.371	0.310	0.208	---	---	9
10	---	---	---	---	0.188	0.288	0.311	0.318	0.287	0.180	---	---	10
11	---	---	---	---	0.233	0.308	0.291	0.318	0.247	0.021	---	---	11
12	---	---	---	---	0.249	0.428	0.288	0.281	0.272	0.008	---	---	12
13	---	---	---	---	0.277	0.381	0.348	0.209	0.256	0.011	---	---	13
14	---	---	---	---	0.318	0.423	0.288	0.325	0.281	0.012	---	---	14
15	---	---	---	---	0.287	0.380	0.300	0.282	0.281	0.007	---	---	15
16	---	---	---	---	0.288	0.282	0.304	0.330	0.407	0.008	---	---	16
17	---	---	---	---	0.227	0.408	0.342	0.283	0.407	0.003	---	---	17
18	---	---	---	---	0.378	0.333	0.338	0.284	0.348	0.002	---	---	18
19	---	---	---	---	0.287	0.408	0.487A	0.273	0.334	0.002	---	---	19
20	---	---	---	---	0.288	0.447	0.858	0.317	0.288	0.002	---	---	20
21	---	---	---	---	0.263	0.485	0.648	0.348	0.338	0.001	---	---	21
22	---	---	---	---	0.218	0.480	0.804	0.218	0.388	0.001	---	---	22
23	---	---	---	---	0.202	0.448	0.488	0.220	0.433	0.001	---	---	23
24	---	---	---	0.003A	0.284	0.384	0.384	0.324	0.384	0.001	---	---	24
25	---	---	---	---	0.338	0.383	0.281	0.324	0.372	0	---	---	25
26	---	---	---	---	0.508	0.388	0.288	0.304	0.340	0.001	---	---	26
27	---	---	---	---	0.381	0.411	0.202	0.221	0.387	0.001	---	---	27
28	---	---	---	---	0.288	0.438	0.228	0.177	0.313	0.001	---	---	28
29	---		---	0 A	0.188	0.327	0.383	0.211	0.388	0.001	---	---	29
30	---		---	---	0.211	0.318	0.310	0.288	0.288	0.001	---	---	30
31	---		---		0.318		0.382	0.283		0		---	31
TOTAL	---	---	---	---	8.372	10.937	10.780	9.088	9.873	3.184	---	---	TOTAL
MEAN	---	---	---	---	0.303	0.388	0.348	0.293	0.328	0.071	---	---	MEAN
MAX	---	---	---	---	0.508	0.488	0.858	0.442	0.433	0.283	---	---	MAX
MIN	---	---	---	---	0	0.282	0.193	0.177	0.247	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 0.858 ON JUL 20
MINIMUM DAILY, 0 ON MAY 2

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 38 N
LONG 113 28 48 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	832
FEB	---	AUG	782
MAR	---	SEP	663
APR	---	OCT	190
MAY	843	NOV	---
JUN	945	DEC	---

TOTAL DISCHARGE, 4 260 dam³

LEE CREEK AT CARDSTON - STATION NO. 05AE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7308	0.3508	0.4418	1.82	3.82	2.80	0.846	2.08	1.18	0.743	0.488	0.4218	1
2	0.7008	0.3408	0.4518	1.88	3.31	2.24	0.848	1.83	1.15	0.707	0.488	0.4138	2
3	0.6408	0.3708	0.5888	2.82	2.78	2.08	0.710	1.82	1.07	0.888	0.462	0.3238	3
4	0.6008	0.3408	1.40 B	5.78	2.53	1.86	0.692	1.85	1.05	0.838	0.458	0.3618	4
5	0.5908	0.4008	2.00 B	6.27	2.38	1.68	0.878	1.85	1.02	0.887	0.447	0.3168	5
6	0.6308	0.4408	1.78 B	5.86	2.24	1.95	0.882	1.82	1.08	0.887	0.485	0.2868	6
7	0.7008	0.4708	1.80 B	4.80	2.32	1.73	0.841	1.88	1.25	0.880	0.451	0.2738	7
8	0.7808	0.3908	1.05 B	3.87	2.25	1.71	0.478	1.44	1.13	0.884	0.451	0.2358	8
9	0.8038	0.3808	0.870	3.48	2.28	1.61	0.483	1.42	1.04	0.883	0.501	0.1858	9
10	0.2808	0.8828	0.723	3.00	2.31	1.81	0.837	1.41	0.918	0.804	0.518	0.3308	10
11	0.2808	0.8188	0.727	2.82	2.18	1.47	1.21	1.88	0.878	0.808	0.514	0.2878	11
12	0.2738	0.4828	1.00	2.47	2.20	1.38	0.824	1.80	0.853	0.808	0.503	0.1088	12
13	0.2938	0.3758	0.948	2.24	2.21	1.28	0.828	1.47	0.832	0.887	0.510	0.1508	13
14	0.8008	0.4058	0.888	2.33	1.83	1.26	0.498	2.85	0.878	0.844	0.828	0.1408	14
15	0.7508	0.3848	0.887	2.78	1.88	1.18	0.411	2.33	0.888	0.881	0.8258	0.1238	15
16	0.5418	0.3138	0.8808	3.88	1.83	1.38	0.408	2.21	0.818	0.850	0.3478	0.2608	16
17	0.4008	0.3148	0.8008	4.87	1.81	1.27	0.822	1.88	0.788	0.888	0.2758	0.2858	17
18	0.2808	0.3368	0.7008	4.78	1.72	1.20	2.88	1.84	0.787	0.892	0.8038	0.2988	18
19	0.2708	0.2848	0.8058	4.05	1.88	1.88	7.18	1.44	0.738	0.881	0.734	0.3708	19
20	0.3408	0.2178	0.8808	3.48	1.87	1.84	4.01	1.43	0.710	0.842	0.783	0.3808	20
21	0.8408	0.2318	0.8008	3.22	1.84	1.24	2.82	1.23	0.884	0.837	0.704	0.3088	21
22	0.8008	0.2828	0.8408	3.33	1.84	1.18	11.8	1.20	0.858	0.862	0.850	0.1888	22
23	0.4878	0.2848	0.8008	3.23	1.48	1.02	14.8	1.28	0.831	0.838	0.882	0.1328	23
24	0.8058	0.1388	0.8908	3.18	1.43	0.978	7.87	2.08	0.836	0.847	0.851	0.2748	24
25	0.8118	0.1808	0.7108	3.17	1.38	0.811	5.72	2.38	0.882	0.812	0.707	0.3148	25
26	0.4718	0.2878	0.8008	3.02	1.83	0.750	4.47	2.88	0.783	0.488	0.7308	0.2858	26
27	0.4888	0.3118	0.3508	2.88	8.81	0.888	3.88	2.08	1.13	0.838	0.8618	0.2808	27
28	0.5808	0.4418	0.8928	3.04	8.88	0.743	3.12	1.73	0.948	0.840	0.8488	0.2008	28
29	0.8108		0.880	3.33	4.22	0.800	2.72	1.48	0.782	0.482	0.8308	0.1508	29
30	0.5108		1.48	3.88	3.48	0.870	2.88	1.37	0.773	0.480	0.3638	0.1008	30
31	0.4818		1.24		3.07		2.31	1.31		0.488		0.1208	31
TOTAL	15.880	9.888	27.188	103.88	78.88	41.801	87.015	57.48	28.885	17.887	15.923	7.880	TOTAL
MEAN	0.508	0.348	0.877	3.47	2.48	1.40	2.81	1.85	0.880	0.577	0.531	0.253	MEAN
MAX	0.780	0.882	2.00	8.27	8.88	2.80	14.8	2.38	1.25	0.743	0.783	0.421	MAX
MIN	0.280	0.138	0.380	1.82	1.38	0.888	0.408	1.30	0.831	0.483	0.278	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 14.8 ON JUL 23
MINIMUM DAILY, 0.1008 ON DEC 30
MAXIMUM INSTANTANEOUS,
28.2 AT 21:20 MST ON JUL 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 00 N
LONG 113 17 45 W
DRAINAGE AREA, 307 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	7 520
FEB	635	AUG	4 980
MAR	2 350	SEP	2 310
APR	6 980	OCT	1 550
MAY	6 850	NOV	1 380
JUN	3 820	DEC	678

TOTAL DISCHARGE, 42 200 dam³

LEE CREEK BELOW CONFLUENCE OF EAST FORK - STATION NO. 05AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.750E	0.780	2.50	1.88	0.861	1.72	0.854	0.478	---	---	1
2	---	---	0.750E	0.780	2.08	1.80	0.823	1.81	0.815	0.470	---	---	2
3	---	---	0.750E	0.802	1.75	1.34	0.873	1.84	0.836	0.450	---	---	3
4	---	---	0.750E	1.33	1.82	1.26	0.818	1.44	0.870	0.450	---	---	4
5	---	---	0.760E	2.01	1.88	1.21	0.878	1.36	0.872	0.447	---	---	5
6	---	---	0.780A	2.23	1.82	1.21	0.814	1.40	0.888	0.437A	---	---	6
7	---	---	0.770	1.88	1.58	1.13	0.478	1.30	0.888	---	---	---	7
8	---	---	0.788	1.81	1.58	1.18	0.483	1.28	0.832	---	---	---	8
9	---	---	0.748	1.84	1.83	1.18	0.448	1.18	0.832	---	---	---	9
10	---	---	0.732	1.44	1.82	1.08	0.878	1.08	0.774	---	---	---	10
11	---	---	0.700	1.80	1.82	0.988	0.857	1.28	0.784	---	---	---	11
12	---	---	0.653	1.28	1.58	0.853	0.840A	1.15	0.734	---	---	---	12
13	---	---	0.606	1.15	1.45	0.888	---	1.12	0.713	---	---	---	13
14	---	---	0.558	1.42	1.30	0.831	---	2.55	0.714	---	---	---	14
15	---	---	0.581	1.88	1.32	0.804	---	1.87	0.880	---	---	---	15
16	---	---	0.921	2.48	1.26	0.828	---	1.47	0.888	---	---	---	16
17	---	---	0.688	3.38	1.18	0.798	---	1.28	0.703	---	---	---	17
18	---	---	0.841	2.63	1.20	0.811	---	1.15	0.837	---	---	---	18
19	---	---	0.722	2.33	1.13	1.10	---	1.07	0.548	---	---	---	19
20	---	---	0.833	1.88	1.08	0.884	---	0.880	0.551	---	---	---	20
21	---	---	0.874	1.82	1.11	0.801	---	0.888	0.524	---	---	---	21
22	---	---	0.818	1.82	1.11	0.747	---	0.888	0.517	---	---	---	22
23	---	---	1.13	1.74	1.03	0.883	---	0.850	0.505	---	---	---	23
24	---	---	0.762	1.78	0.863	0.853	---	2.46	0.505	---	---	---	24
25	---	---	0.733	1.80	0.886	0.818	---	1.82	0.491	---	---	---	25
26	---	---	0.682	1.78	1.74	0.887	---	1.84	0.832	---	---	---	26
27	---	---	0.874	1.73	2.81	0.847	2.83 A	1.27	0.814	---	---	---	27
28	---	---	1.28	2.01	2.20	0.880	2.43	1.13	0.888	---	---	---	28
29	---	---	0.817	2.35	1.88	0.811	2.36	1.03	0.837	---	---	---	29
30	---	---	0.708	2.48	1.82	0.871	2.13	1.00	0.802	---	---	---	30
31	---		0.763		1.88		1.84	0.803		---		---	31
TOTAL	---	---	24.201	54.382	48.218	28.082	---	41.828	20.814	---	---	---	TOTAL
MEAN	---	---	0.781	1.81	1.56	0.935	---	1.34	0.884	---	---	---	MEAN
MAX	---	---	1.28	3.38	3.81	1.88	---	2.55	0.888	---	---	---	MAX
MIN	---	---	0.588	0.780	0.863	0.847	---	0.850	0.491	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 113 02 30 W
DRAINAGE AREA, 94.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	3 800
MAR	2 080	SEP	1 800
APR	4 700	OCT	---
MAY	4 170	NOV	---
JUN	3 430	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LESSER SLAVE LAKE AT FAUST - STATION NO. 07BJ002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	576.281E	576.412	576.463	576.407	576.356	576.383	576.280	576.106	---	1
2	---	---	---	576.283E	576.414	576.434	576.406	576.362	576.341	576.272	576.111	---	2
3	---	---	---	576.285E	576.421	576.481	576.406	576.367	576.381	576.246	576.080	---	3
4	---	---	---	576.288E	576.419	576.485	576.401	576.362	576.367	576.210	576.109A	---	4
5	---	---	---	576.288E	576.434	576.490	576.388	576.339	576.349	576.233	---	---	5
6	---	---	---	576.280A	576.438	576.482	576.388	576.345	576.341	576.242	---	---	6
7	---	---	---	576.280	576.441	576.473	576.389	576.338	576.380	576.232	---	---	7
8	---	---	---	576.287	576.446	576.482	576.392	576.344	576.347	576.238	---	---	8
9	---	---	---	576.288	576.450	576.473	576.394	576.388	576.338	576.231	---	---	9
10	---	---	---	576.278	576.451	576.488	576.382	576.418	576.364	576.209	---	---	10
11	---	---	---	576.288	576.457	576.478	576.380	576.394	576.348	576.214	---	---	11
12	---	---	---	576.288	576.437	576.488	576.378	576.388	576.347	576.187	---	---	12
13	---	---	---	576.279	576.438	576.438	576.387	576.383	576.322	576.180	---	---	13
14	---	---	---	576.278	576.480	576.484	576.382	576.371	576.382	576.186	---	---	14
15	---	---	---	576.287	576.438	576.484	576.338	576.371	576.331	576.187	---	---	15
16	---	---	---	576.304	576.482	576.450	576.345	576.380	576.394	576.148	---	---	16
17	---	---	---	576.317	576.488	576.445	576.343	576.388	576.317	576.157	---	---	17
18	---	---	---	576.328	576.478	576.445	576.348	576.382	576.318	576.186	---	---	18
19	---	---	---	576.381	576.482	576.442	576.338	576.382	576.323	576.171	---	---	19
20	---	---	---	576.388	576.482	576.441	576.339	576.383	576.324	576.182	---	---	20
21	---	---	---	576.371	576.486	576.436	576.336	576.388	576.317	576.144	---	---	21
22	---	---	---	576.370	576.488	576.383	576.335	576.374	576.318	576.184	---	---	22
23	---	---	---	576.378	576.481	576.381	576.329	576.384	576.310	576.188	---	---	23
24	---	---	---	576.381	576.486	576.394	576.331	576.387	576.324	576.148	---	---	24
25	---	---	---	576.381	576.487	576.414	576.326	576.384	576.303	576.120	---	---	25
26	---	576.318A	---	576.386	576.482	576.411	576.334	576.388	576.380	576.108	---	---	26
27	---	---	576.242A	576.392	576.481	576.407	576.337	576.288	576.278	576.130	---	---	27
28	---	---	576.244E	576.387	576.478	576.408	576.336	576.344	576.277	576.134	---	---	28
29	---		576.248E	576.388	576.482	576.410	576.336	576.348	576.278	576.142	---	---	29
30	---		576.247E	576.408	576.474	576.408	576.332	576.347	576.381	576.148	---	---	30
31	---		576.248E		576.488		576.333	576.348		576.185		---	31
MEAN	---	---	---	576.317	576.448	576.438	576.388	576.388	576.332	576.184	---	---	MEAN
MAX	---	---	---	576.408	576.478	576.488	576.407	576.418	576.382	576.280	---	---	MAX
MIN	---	---	---	576.281	576.412	576.381	576.332	576.338	576.381	576.108	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 576.488 ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 15 N
LONG 115 37 25 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
13 800 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE LAKE AT SLAVE LAKE - STATION NO. 07BJ003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	576.386	576.337	576.281	576.282E	576.388A	576.480	576.381	576.328	576.274	576.224	576.135	575.982	1
2	576.385	576.337	576.280	576.283E	576.398E	576.485	576.389	576.388A	576.280	576.234	576.122	576.025	2
3	576.377	576.329	576.288	576.284E	576.410A	576.485	576.408	576.380A	576.386	576.278	576.200	575.974	3
4	576.386	576.327	576.289	576.285E	576.411	576.434	576.385	576.363	576.346	576.326	576.118	576.036	4
5	576.381	576.334	576.284	576.289E	576.434	576.441	576.380	576.388	576.386	576.286	576.084	576.028	5
6	576.382	576.324	576.288	576.288E	576.430	576.510	576.374	576.345	576.418	576.200	576.082	575.950	6
7	576.383	576.334	576.288	576.287E	576.434	576.488	576.371	576.367A	576.325	576.304	576.080	576.080	7
8	576.376	576.323	576.271	576.286E	576.446	576.432	576.383	576.346A	576.328	576.281	576.032	576.029	8
9	576.371	576.318	576.283	576.288A	576.485	576.438	576.376	576.287A	576.352	576.178	576.033	576.028	9
10	576.369	576.320	576.276	576.273E	576.482	576.492	576.374	576.383A	576.320	576.204	576.086	576.043	10
11	576.371	576.318	576.269	576.277E	576.440	576.486	576.348	576.386	576.310	576.198	576.118	576.051	11
12	576.386	576.324	576.271	576.280E	576.481	576.484	576.338	576.390A	576.293	576.276	576.108	576.064	12
13	576.372	576.308	576.274	576.284A	576.481	576.522	576.371	576.376	576.340	576.318A	576.043	576.032	13
14	576.370	576.316	576.283	576.313A	576.427	576.481	576.388	576.381	576.218	576.240	576.156	576.026	14
15	576.387	576.311	576.284	576.328A	576.484	576.438	576.443	576.350	576.300	576.249	576.131	576.032	15
16	576.388	576.304	576.274	576.338	576.448	576.478	576.386	576.387	576.358	576.318	576.088	576.031	16
17	576.380	576.312	576.286	576.388	576.442	576.480	576.363	576.395	576.288	576.286	576.048	576.027	17
18	576.383	576.311	576.281	576.387	576.444	576.444	576.338	576.384	576.386	576.306	576.142	576.040	18
19	576.372	576.312	576.278	576.372	576.463	576.436	576.327	576.383	576.277	576.180	576.030	576.043	19
20	576.383	576.311	576.281	576.378	576.441	576.432	576.338	576.382	576.269	576.086	576.863A	576.030	20
21	576.388	576.300	576.273	576.388	576.418	576.421	576.313	576.389	576.272	576.237	576.015E	576.032	21
22	576.380	576.304	576.289	576.382	576.422	576.804	576.315	576.322	576.284	576.134	576.008A	576.035	22
23	576.383	576.309	576.288	576.380	576.444	576.841	576.319	576.384	576.284	576.082	576.022	576.029	23
24	576.383	576.288	576.270	576.382	576.444	576.528	576.307	576.388A	576.282	576.121	576.883	576.024	24
25	576.388	576.288	576.287	576.384	576.338	576.418	576.279	576.388A	576.272	576.248	576.074	576.033	25
26	576.382	576.274	576.274	576.387	576.432	576.413	576.304	576.328A	576.227	576.188	576.038	576.038	26
27	576.383	576.288	576.286	576.386	576.428	576.388	576.280	576.348A	576.288	576.118A	576.083	576.032	27
28	576.341	576.289	576.284	576.401	576.416	576.412	576.307	576.384	576.281	576.136	576.088	576.037	28
29	576.338		576.286	576.386	576.432	576.388	576.301	576.383	576.287	576.083	576.011	576.041	29
30	576.333		576.285	576.388	576.428	576.408	576.311	576.321	576.308	576.081	576.000	576.037	30
31	576.338		576.281A		576.480		576.334	576.338		576.023		576.038	31
MEAN	576.387	576.313	576.275	576.330	576.435	576.485	576.348	576.388	576.308	576.202	576.087	576.027	MEAN
MAX	576.388	576.337	576.281	576.401	576.484	576.880	576.443	576.387	576.418	576.338	576.200	576.080	MAX
MIN	576.333	576.274	576.264	576.382	576.338	576.388	576.279	576.287	576.218	576.023	575.883	575.880	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 576.281
MAXIMUM DAILY, 576.880 ON JUN 1
MINIMUM DAILY, 575.950 ON DEC 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 15 N
LONG 114 48 18 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
13 800 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE RIVER AT HIGHWAY NO. 2A - STATION NO. 07BK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.78	32.18	30.48	28.78	50.2	61.6	44.8	38.8	35.4	33.5	22.2	13.48	1
2	34.78	32.48	30.08	28.78	52.3	56.0	43.8	41.0	37.8	29.5	21.8	13.58	2
3	34.48	32.28	29.58	30.08	54.3	52.6	44.3	40.8	42.0	32.5	27.4	14.38	3
4	34.78	32.08	30.08	31.78	51.1	56.2	43.7	40.1	41.2	37.2	25.0	14.18	4
5	34.68	32.08	29.68	33.48	47.0	55.0	42.8	41.1	40.8	34.5	20.7	14.88	5
6	34.28	32.28	30.18	36.4	52.6	57.8	42.4	40.0	43.6	31.6	17.8A	14.08	6
7	34.18	32.68	30.38	38.2	53.1	56.6	41.6	39.8	40.4	28.3	15.5	14.58	7
8	34.18	32.58	28.18	38.0	51.6	54.0	43.2	39.9	38.2	26.2	15.4A	14.28	8
9	33.28	32.38	28.68	40.6	52.3	52.2	42.6	38.1	38.7	28.4	15.0A	13.38	9
10	33.38	32.48	28.88	40.1	53.6	55.1	42.6	40.1	38.6	26.1	15.6	13.78	10
11	32.98	32.98	28.58	40.8	52.7	55.0	41.6	47.6	37.2	28.0	20.1	14.38	11
12	32.68	33.08	28.68	41.1	53.8	54.0	40.7	48.6	36.2	30.3	20.6	14.68	12
13	33.38	30.48	28.68	40.6	56.4	53.5	41.2	48.6	38.4	38.4	16.1A	13.78	13
14	33.08	32.28	30.88	41.8	51.0	55.2	42.2	43.6	34.9	28.7	17.68	13.38	14
15	30.98	34.18	32.38	44.0	54.4	50.9	44.6	41.6	33.0	27.1	20.08	13.28	15
16	30.28	32.68	32.58	45.5	52.3	52.0	45.6	42.3	38.0	26.6	19.58	13.08	16
17	31.28	33.48	32.28	46.2	50.6	51.4	41.3	43.6	38.0	34.0	16.58	13.38	17
18	32.68	34.58	32.88	45.9	51.2	50.2	38.6	42.1	35.6	29.6	20.15	13.88	18
19	32.68	34.68	31.88	45.6	53.0	49.4	38.0	41.1	34.6	28.1	22.68	14.88	19
20	33.08	35.68	31.88	46.2	53.5	48.0	38.3	40.0	33.1	20.1	19.08	14.18	20
21	33.18	35.18	31.88	45.6	52.3	47.7	38.6	41.1	33.5	27.6	20.38	14.08	21
22	32.68	34.68	31.78	46.0	50.6	51.9	38.2	38.7	33.5	26.0	19.68	14.58	22
23	32.38	34.28	32.08	45.8	51.6	54.1	38.4	38.9	34.2	20.1	18.48	14.28	23
24	28.18	32.68	32.48	45.6	51.9	56.8	37.6	40.7	31.4	19.8	18.88	14.08	24
25	26.78	31.68	32.58	46.1	52.0	48.5	36.9	40.8	32.2	25.8	18.08	14.08	25
26	31.08	28.08	31.88	46.2	51.3	46.6	36.7	38.6	36.3	32.4	16.48	14.18	26
27	32.68	28.58	30.98	45.5	50.6	46.3	37.0	38.3	38.3	26.8	17.88	13.78	27
28	32.18	31.08	33.88	47.4	49.6	46.3	37.2	40.6	36.3	31.6	17.88	13.78	28
29	32.48		32.88	48.6	51.2	46.1	36.7	41.6	34.1	31.8	18.78	14.18	29
30	32.08		31.28	48.8	51.3	46.3	37.0	38.6	35.5	19.3	14.68	14.08	30
31	32.28		30.18		53.4		37.9	38.9		18.3		13.88	31
TOTAL	1 009.1	914.8	957.9	1 261.3	1 612.5	1 601.4	1 257.0	1 276.0	1 100.9	875.1	562.2	431.6	TOTAL
MEAN	32.6	32.7	30.9	41.7	52.0	53.4	40.5	41.2	36.7	28.2	18.4	13.9	MEAN
MAX	34.7	35.8	33.8	48.8	56.4	66.0	45.8	48.6	43.6	38.4	27.4	14.8	MAX
MIN	26.7	28.0	28.1	28.7	47.0	46.1	36.9	38.1	31.4	18.3	14.8	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.3
MAXIMUM DAILY, 66.0 ON JUN 2
MINIMUM DAILY, 13.08 ON DEC 16
MAXIMUM INSTANTANEOUS,
70.4 AT 07:00 MST ON JUN 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 39 N
LONG 114 35 28 W
DRAINAGE AREA, 14 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	87 200	JUL	108 000
FEB	79 000	AUG	110 000
MAR	82 800	SEP	95 100
APR	108 000	OCT	75 600
MAY	139 000	NOV	50 300
JUN	138 000	DEC	37 300

TOTAL DISCHARGE, 1 110 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL ABOVE OLDMAN FLUME - STATION NO. 05AB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	18.3	22.5	21.8	18.6	3.56	7.32	0	---	1
2	---	---	---	0	20.0	22.4	21.6	18.6	3.34	7.62	0A	---	2
3	---	---	---	0	18.1	22.3	20.8	18.6	3.36	7.64	---	---	3
4	---	---	---	0	19.4	22.4	20.0	18.6	3.36	7.49	---	---	4
5	---	---	---	0	19.6	22.6	20.3	19.3	3.36	7.36	---	---	5
6	---	---	---	0	19.6	22.7	21.1	19.4	3.32	7.36	---	---	6
7	---	---	---	0	19.9	22.7	20.6	19.4	3.33	7.36	---	---	7
8	---	---	---	0	20.3	22.6	19.1	19.3	3.24	6.17	---	---	8
9	---	---	0A	0	20.2	22.6	19.1	19.4	3.26	1.40	---	---	9
10	---	---	---	0	20.6	22.7	19.3	19.6	3.33	0	---	---	10
11	---	---	---	0	20.8	22.7	20.4	19.6	4.16	0	---	---	11
12	---	---	---	0	20.8	22.7	19.6	16.6	4.77	0	---	---	12
13	---	---	---	0	21.7	22.6	17.8	11.6	4.78	0	---	---	13
14	---	---	---	0	21.8	22.6	16.6	8.81	4.77	0	---	---	14
15	---	---	---	0	21.6	22.6	15.2	5.88	4.80	0	---	---	15
16	---	---	---	0	21.6	22.6	14.7	5.85	4.83	0	---	---	16
17	---	---	---	0	21.6	22.4	15.1	5.78	4.82	0	---	---	17
18	---	---	---	0	21.3	22.3	15.1	5.78	4.81	0	---	---	18
19	---	---	---	0	21.4	22.4	15.7	5.73	4.85	0	---	---	19
20	---	---	---	0	21.8	22.1	16.6	5.88	4.81	0	---	---	20
21	---	---	---	3.60A	21.9	21.9	16.6	4.93	5.53	0	---	---	21
22	---	---	---	8.68	22.1	22.0	16.4	4.64	6.26	0	---	---	22
23	---	---	---	14.1 A	22.3	21.9	16.7	4.64	6.24	0	---	---	23
24	---	---	0A	16.6 A	22.5	21.8	16.3	4.39	6.73	0	---	---	24
25	---	---	0	17.6	22.7	22.0	16.3	3.87	7.68	0	---	---	25
26	---	---	0	17.8	22.7	22.0	16.4	3.70	7.80	0	---	---	26
27	---	---	0	18.0	22.8	22.0	16.5	3.43	6.80	0	---	---	27
28	0A	---	0	18.6	22.8	21.8	16.5	3.47	6.85	0	---	---	28
29	---		0	18.3	22.8	21.7	16.5	3.44	7.60	0	---	---	29
30	---		0	19.2	22.5	21.8	16.5	3.43	7.48	0	---	---	30
31	---		0		22.5		16.5	3.60		0		---	31
TOTAL	---	---	---	194.48	669.3	669.4	502.3	324.24	148.01	59.86	---	---	TOTAL
MEAN	---	---	---	6.16	21.3	22.3	16.8	10.5	4.93	1.93	---	---	MEAN
MAX	---	---	---	19.3	22.8	22.7	21.8	19.6	7.80	7.62	---	---	MAX
MIN	---	---	---	0	18.1	21.7	14.7	3.43	3.24	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 22.8 ON MAY 27
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 10 N
LONG 113 34 30 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	50 300
FEB	---	AUG	26 000
MAR	---	SEP	13 600
APR	13 300	OCT	5 180
MAY	57 000	NOV	---
JUN	57 800	DEC	---

TOTAL DISCHARGE, 324 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KEHO OUTFLOW - STATION NO. 05AC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	8.44	20.5	3.36	2.37	4.58	---	---	1
2	---	---	---	---	0	10.1	20.3	3.52	2.83	4.84	---	---	2
3	---	---	---	---	0	11.5	16.2	4.81	2.68	5.04	---	---	3
4	---	---	---	---	0	11.7	13.8	7.87	2.81	5.06	---	---	4
5	---	---	---	---	0	13.0	13.6	6.77	3.08	5.51	---	---	5
6	---	---	---	---	0	13.4	12.0	6.60	3.07	5.26	---	---	6
7	---	---	---	---	0	14.0	10.5	6.75	3.05	4.08	---	---	7
8	---	---	---	---	0	16.7	10.4	7.04	3.07	3.76	---	---	8
9	---	---	---	---	0	18.2	10.1	7.08	3.05	2.20	---	---	9
10	---	---	---	---	0.800A	15.9	9.80	8.30	3.07	0	---	---	10
11	---	---	---	---	1.29	15.8	8.51	4.67	3.11	0	---	---	11
12	---	---	---	---	3.15	16.0	8.03	4.81	3.07	0	---	---	12
13	---	---	---	---	4.02	16.2	8.48	4.47	3.08	0	---	---	13
14	---	---	---	---	4.41	17.0	8.84	4.05	3.22	0	---	---	14
15	---	---	---	---	5.59	20.2	9.67	4.08	3.31	0	---	---	15
16	---	---	---	---	7.58	21.5	10.1	4.01	3.41	0	---	---	16
17	---	---	---	---	7.64	21.5	9.30	3.47	3.41	0	---	---	17
18	---	---	---	---	10.2	22.2	7.06	2.64	3.43	0	---	---	18
19	---	---	---	---	10.2	22.3	4.11	2.03	3.38	0	---	---	19
20	---	---	---	---	9.85	18.6	3.63	1.88	3.38	0	---	---	20
21	---	---	---	---	9.95	17.0	3.15	1.84	3.87	0	---	---	21
22	---	---	---	---	10.5	15.8	2.37	1.81	4.50	0	---	---	22
23	---	---	---	---	10.8	14.9	1.87	1.48	4.59	0	---	---	23
24	---	---	---	---	11.1	14.8	1.71	1.74	4.56	0	---	---	24
25	---	---	---	---	13.1	15.5	1.78	1.66	4.54	0	---	---	25
26	---	---	---	---	13.4	15.8	1.75	1.81	4.48	0	---	---	26
27	---	---	---	---	12.2	17.4	1.82	1.85	4.53	0	---	---	27
28	---	---	---	---	11.6	18.1	1.84	1.85	4.56	0	---	---	28
29	---		---	---	9.33	20.7	2.11	1.84	4.47	0	---	---	29
30	---		---	---	8.40	20.7	2.65	1.88	4.64	0	---	---	30
31	---		---		8.42		3.11	1.81		0		---	31
TOTAL	---	---	---	---	184.840	485.04	240.85	114.70	106.13	40.38	---	---	TOTAL
MEAN	---	---	---	---	5.96	16.2	7.77	3.70	3.54	1.30	---	---	MEAN
MAX	---	---	---	---	13.4	22.3	20.5	7.87	4.69	5.51	---	---	MAX
MIN	---	---	---	---	0	8.44	1.71	1.48	2.37	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.42
MAXIMUM DAILY, 22.3 ON JUN 19
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
22.6 AT 06:03 MST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 00 N
LONG 112 56 15 W

A - MANUAL GAUGE

REGULATED

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	20 800
FEB	---	AUG	9 910
MAR	---	SEP	9 170
APR	---	OCT	3 480
MAY	16 000	NOV	---
JUN	42 600	DEC	---

TOTAL DISCHARGE, 102 000 dam³

LILY CREEK NEAR SLAVE LAKE - STATION NO. 07BG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.013B	0.261	0.075	0.022	0.280	0.034	0.029	0.030	---	1
2	---	---	0 B	0.032B	0.261	0.302	0.010	0.107	0.081	0.029	0.025	---	2
3	---	---	0 B	0.054B	0.255	0.232	0.008	0.078	0.119	0.028	0.029	---	3
4	---	---	0 B	0.070B	0.222	0.145	0.007	0.054	0.066	0.029	0.026A	---	4
5	---	---	0 B	0.129B	0.195	0.115	0.007	0.040	0.050	0.029	---	---	5
6	---	---	0 B	0.102B	0.181	0.115	0.010	0.032	0.045	0.028	---	---	6
7	---	---	0 B	0.173B	0.185	0.107	0.034	0.028	0.039	0.032	---	---	7
8	---	---	0 B	0.240B	0.177	0.081	0.034	0.027	0.037	0.036	---	---	8
9	---	---	0 B	0.251B	0.175	0.068	0.024	0.055	0.033	0.033	---	---	9
10	---	---	0 B	0.307B	0.180	0.068	0.013	0.214	0.034	0.030	---	---	10
11	---	---	0 B	0.252B	0.157	0.048	0.008	0.183	0.030	0.033	---	---	11
12	---	---	0 B	0.263B	0.142	0.040	0.005	0.102	0.024	0.033	---	---	12
13	---	---	0 B	0.285B	0.134	0.033	0.008	0.072	0.040	0.031	---	---	13
14	---	---	0 B	0.318B	0.124	0.025	0.004	0.084	0.038	0.029	---	---	14
15	---	---	0 B	0.376B	0.126	0.020	0.002	0.041	0.061	0.028	---	---	15
16	---	---	0 B	0.309B	0.113	0.017	0.020	0.036	0.053	0.028	---	---	16
17	---	---	0 B	0.282B	0.104	0.015	0.054	0.107	0.035	0.028	---	---	17
18	---	---	0 B	0.278B	0.118	0.007	0.033	0.087	0.034	0.026	---	---	18
19	---	---	0 B	0.279B	0.137	0.005	0.038	0.048	0.032	0.022	---	---	19
20	---	---	0 B	0.266B	0.105	0.004	0.054	0.044	0.031	0.025	---	---	20
21	---	---	0 B	0.265B	0.092	0.027	0.027	0.054	0.029	0.027	---	---	21
22	---	---	0 B	0.253B	0.088	0.054	0.018	0.043	0.029	0.030	---	---	22
23	---	0B	0 B	0.226B	0.080	0.053	0.013	0.040	0.029	0.029	---	---	23
24	---	0B	0 B	0.233	0.062	0.100	0.007	0.038	0.028	0.027	---	---	24
25	---	0B	0 B	0.220B	0.075	0.044	0.003	0.045	0.030	0.032	---	---	25
26	---	0B	0 B	0.190B	0.065	0.032	0.015	0.035	0.029	0.030	---	---	26
27	---	0B	0 B	0.199	0.059	0.015	0.013	0.034	0.028	0.028	---	---	27
28	---	0B	0 B	0.230	0.057	0.020	0.007	0.030	0.028	0.028	---	---	28
29	---		0 B	0.247	0.104	0.012	0.018	0.028	0.028	0.030	---	---	29
30	---		0.001B	0.226	0.082	0.028	0.008	0.031	0.027	0.029	---	---	30
31	---		0.006B		0.076		0.083	0.048		0.032		---	31
TOTAL	---	---	0.006	6.559	4.233	1.899	0.606	2.078	1.159	0.907	---	---	TOTAL
MEAN	---	---	0	0.219	0.137	0.063	0.020	0.067	0.039	0.029	---	---	MEAN
MAX	---	---	0.006	0.376	0.261	0.302	0.083	0.280	0.119	0.036	---	---	MAX
MIN	---	---	0	0.013	0.057	0.004	0.002	0.028	0.024	0.022	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.376B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.704B AT 08:30 MST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 58 N
LONG 114 46 47 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	52.4
FEB	---	AUG	180
MAR	0.52	SEP	101
APR	567	OCT	78.4
MAY	366	NOV	---
JUN	164	DEC	---

TOTAL DISCHARGE, 1 510 dam³

LITTLE BERLAND RIVER AT HIGHWAY NO. 40 - STATION NO. 07AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1548	0.2408	0.313	0.840	0.818	8.18	1.23	0.788	---	---	1
2	---	---	0.1508	0.2738	0.310	0.814	0.788	14.5	1.33	0.759	---	---	2
3	---	---	0.1488	0.1778	0.282	0.808	0.777	11.3	1.38	0.781	---	---	3
4	---	---	0.1488	0.1768	0.283	0.857	0.888	9.84	1.25	0.784	---	---	4
5	---	---	0.1428	0.1718	0.288	0.920	0.858	8.98	1.18	0.729	---	---	5
6	---	---	0.1488	0.1898	0.301	0.883	0.791	7.52	1.18	0.720	---	---	6
7	---	---	0.1488	0.1718	0.284	1.01	0.811	8.02	1.12	0.710	---	---	7
8	---	---	0.1448	0.1728	0.288	1.01	0.824	4.88	1.08	0.887	---	---	8
9	---	---	0.1438	0.1748	0.291	1.01	1.03	4.09	1.08	0.882	---	---	9
10	---	---	0.1428	0.1768	0.324	0.986	1.04	3.74	1.04	0.882	---	---	10
11	---	---	0.1438	0.1788	0.385	0.978	0.874	3.38	1.02	0.839	---	---	11
12	---	---	0.1478	0.1748	0.384	0.880	0.841	2.98	1.01	0.831	---	---	12
13	---	---	0.1488	0.1728	0.410	0.880	0.801	2.77	1.20	0.818	---	---	13
14	---	---	0.1528	0.1708	0.385	0.874	0.782	2.81	1.14	0.808	---	---	14
15	---	---	0.1588	0.1748	0.415	0.984	0.758	2.43	1.04	0.800	---	---	15
16	---	---	0.1548	0.1738	0.430	1.11	0.803	2.30	1.05	0.595	---	---	16
17	---	---	0.1508	0.1788	0.443	1.05	1.17	2.18	1.03	0.585	---	---	17
18	---	---	0.1528	0.1748	0.542	0.988	1.28	2.05	1.01	0.548	---	---	18
19	---	---	0.1538	0.1788	0.536	0.958	1.24	1.97	0.978	0.552	---	---	19
20	---	---	0.1548	0.1768	0.552	0.931	1.28	2.08	0.938	0.555	---	---	20
21	---	---	0.1558	0.1798	0.622	0.958	1.37	1.95	0.915	0.545	---	---	21
22	---	---	0.1578	0.1818	0.731	0.902	1.35	1.80	0.882	0.521	---	---	22
23	---	---	0.1708	0.1848	1.02	0.894	1.34	1.70	0.880	0.518	---	---	23
24	---	---	0.1788	0.1808	1.08	0.870	1.38	1.82	0.883	0.529	---	---	24
25	---	---	0.1858	0.2058	1.15	0.848	1.40	1.86	0.851	0.521	---	---	25
26	---	---	0.1828	0.2188	1.08	0.830	1.41	1.80	0.840	0.487	---	---	26
27	---	---	0.1798	0.223	1.01	0.851	1.40	1.44	0.878	0.508	---	---	27
28	---	---	0.1828	0.250	0.982	0.844	1.38	1.45	0.854	0.503A	---	---	28
29	---		0.1868	0.278	0.873	0.839	1.36	1.39	0.834	0.495E	---	---	29
30	---		0.1848	0.292	0.839	0.849	1.34	1.33	0.802	0.488E	---	---	30
31	---		0.2058		0.892		1.39	1.27		0.475E		---	31
TOTAL	---	---	5.005	5.839	17.925	27.838	33.783	120.88	30.986	18.735	---	---	TOTAL
MEAN	---	---	0.161	0.195	0.578	0.928	1.09	3.90	1.03	0.804	---	---	MEAN
MAX	---	---	0.205	0.292	1.15	1.11	1.59	14.5	1.36	0.788	---	---	MAX
MIN	---	---	0.142	0.169	0.288	0.809	0.782	1.27	0.802	0.475	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 14.5 ON AUG 2
MINIMUM DAILY, 0.1428 ON MAR 5
MAXIMUM INSTANTANEOUS,
16.5 AT 04:40 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 43 N
LONG 118 14 19 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 920
FEB	---	AUG	10 400
MAR	432	SEP	2 680
APR	804	OCT	1 620
MAY	1 550	NOV	---
JUN	2 410	DEC	---

TOTAL DISCHARGE, 22 800 dam³

LITTLE BOW CANAL AT HIGH RIVER - STATION NO. 05BL015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2728	0.3868	0.7038	0.598	0.880	1.74	2.77	1.87	1.03	0.898	0.841	0.575	1
2	0.2758	0.4588	0.7468	0.584	0.815	1.94	2.81	1.85	1.14	0.712	0.833	0.809	2
3	0.2858	0.5358	0.7218	0.647	0.744	3.17	2.62	1.84	1.15	0.715	0.830	0.536	3
4	0.2858	0.4458	0.7388	0.637	0.726	2.87	2.68	1.83	1.15	0.715	0.824	0.525	4
5	0.3008	0.6888	0.8468	0.637	0.811	2.80	2.87	1.86	0.744	0.721	0.820	0.482	5
6	0.3068	0.6898	0.7848	0.648	0.846	2.86	2.85	1.88	0.540	0.725	0.821	0.525	6
7	0.3208	0.5768	0.8548	0.646	0.948	2.86	2.76	1.84	0.541	0.729	0.818	0.536	7
8	0.3808	0.5928	0.8628	0.632	1.28	2.79	2.71	1.83	0.642	0.730	0.814	0.5298	8
9	0.4008	0.5298	0.8238	0.682	1.47	2.87	2.85	1.85	0.644	0.782	0.573	0.5758	9
10	0.4708	0.5558	0.8228	0.680	1.51	2.80	2.78	2.05	0.645	0.788	0.528	0.4818	10
11	0.5128	0.5298	0.8858	0.684	1.51	2.59	2.78	1.98	0.881	0.788	0.525	0.3678	11
12	0.5268	0.6368	0.8718	0.686	1.52	2.85	2.69	1.71	0.747	0.788	0.848	0.2918	12
13	0.5198	0.7398	0.872	0.603	1.58	2.53	2.62	1.71	0.786	0.787	0.588	0.3308	13
14	0.5308	0.7278	0.890	0.623	1.63	2.54	2.34	1.88	0.783	0.788	0.585	0.3198	14
15	0.4928	0.8048	0.889	0.609	1.51	2.88	1.78	1.81	0.789	0.748	0.5488	0.1978	15
16	0.4798	0.8078	0.886	0.618	1.78	2.83	2.80	1.80	0.777	0.817	0.4638	0.2818	16
17	0.5988	0.8848	0.898	0.607	1.87	2.78	2.56	1.58	0.782	0.674	0.4188	0.4258	17
18	0.6888	0.7898	0.868	0.624	1.91	2.82	2.88	1.55	0.784	0.458	0.4378	0.4878	18
19	0.6008	0.7228	0.841	0.623	1.91	2.74	2.85	1.87	0.749	0.441	0.5208	0.4728	19
20	0.6048	0.7648	0.868	0.622	1.89	2.72	2.87	1.70	0.745	0.803	0.6008	0.5048	20
21	0.5478	0.7128	0.871	0.629	1.88	2.72	2.89	1.31	0.741	0.881	0.6288	0.5378	21
22	0.5188	0.7408	0.868	0.661	1.88	2.73	2.19	0.934	0.743	0.881	0.708	0.5098	22
23	0.4858	0.7488	0.728	0.678	1.88	2.86	1.83	0.920	0.741	0.888	0.833	0.4708	23
24	0.4718	0.6758	0.888	0.688	1.88	2.83	1.80	0.814	0.732	0.700	0.875	0.4808	24
25	0.4848	0.6588	0.856	0.684	1.90	2.89	1.78	0.818	0.725	0.719	0.883	0.4698	25
26	0.4388	0.7488	0.805	0.681	1.88	3.84	1.73	0.812	0.728	0.735	0.810	0.4858	26
27	0.4578	0.8168	0.8158	0.810	1.82	2.83	1.83	0.906	0.728	0.744	0.850	0.5138	27
28	0.4758	0.7718	0.8158	0.785	1.87	2.83	1.88	0.883	0.721	0.848	0.848	0.5298	28
29	0.4808		0.8158	0.818	1.81	2.79	1.87	0.888	0.711	0.881	0.888	0.5428	29
30	0.4268		0.826	0.803	1.82	2.80	1.88	0.887	0.888	0.858	0.882	0.4888	30
31	0.4138		0.898		1.82		1.88	0.878		0.848		0.2848	31
TOTAL	13.984	18.437	20.818	17.111	48.543	79.88	75.12	48.785	22.728	21.343	17.388	14.203	TOTAL
MEAN	0.480	0.858	0.675	0.570	1.80	2.88	2.42	1.81	0.788	0.888	0.578	0.488	MEAN
MAX	0.888	0.884	0.848	0.818	1.91	3.83	2.87	2.05	1.15	0.788	0.705	0.575	MAX
MIN	0.272	0.388	0.898	0.480	0.726	1.74	1.73	0.878	0.540	0.441	0.418	0.187	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 3.87 ON JUL 5
MINIMUM DAILY, 0.1978 ON DEC 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 59 N
LONG 113 52 18 W

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	8 480
FEB	1 590	AUG	4 040
MAR	1 810	SEP	1 980
APR	1 480	OCT	1 840
MAY	4 020	NOV	1 500
JUN	8 900	DEC	1 230

TOTAL DISCHARGE, 34 100 dam³

LITTLE BOW RIVER AT CARMANGAY - STATION NO. 05AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	0.6088	0.7808	1.61	0.848	1.38	1.88	1.83	1.78	1.48	1.07	0.817	1
2	0.2908	0.6228	0.7788	1.78	1.01	1.07	1.83	2.23	1.70	1.84	1.08	0.833	2
3	0.2858	0.6228	0.8128	1.83	1.08	1.08	1.83	2.32	1.72	1.44	1.05	0.847	3
4	0.2858	0.5908	1.04 B	1.81	0.984	1.03	1.81	1.88	1.78	1.40	1.07	0.778	4
5	0.2598	0.5778	1.38 B	1.87	0.882	0.788	1.88	1.83	1.88	1.48	1.08	0.838	5
6	0.2488	0.5638	1.84 B	1.87	0.888	1.10	2.01	1.78	2.28	1.50	1.08	0.881	6
7	0.2858	0.5848	1.85 B	1.40	0.778	1.48	2.24	1.78	2.20	1.84	1.08	0.817	7
8	0.2798	0.6008	1.55 B	1.28	0.700	1.88	2.81	1.87	2.18	1.84	1.05	0.744	8
9	0.3128	0.6088	1.58 B	1.17	0.788	1.87	2.44	1.88	2.08	1.87	1.00	0.741	9
10	0.3638	0.6308	1.34 B	1.08	1.32	1.88	2.33	2.81	1.84	1.81	0.980	0.818	10
11	0.4628	0.6718	1.04 B	1.04	1.88	1.40	2.81	2.83	1.47	1.88	0.888	0.708	11
12	0.5138	0.7018	0.8368	1.10	1.72	1.23	2.88	2.83	1.41	1.88	0.878	0.818	12
13	0.5148	0.7218	1.04 B	1.02	1.88	0.870	3.02	2.83	1.43	1.81	0.832	0.5308	13
14	0.5248	0.7208	1.28 B	0.974	1.88	0.888	2.47	3.38	1.47	1.87	0.887	0.3608	14
15	0.4788	0.7348	1.30 B	0.888	1.88	1.04	2.33	3.88	1.50	1.88	0.800	0.2478	15
16	0.4708	0.7658	1.24 B	0.807	1.88	1.38	2.37	3.18	1.54	1.88	0.488	0.2888	16
17	0.4888	0.7788	1.12 B	0.863	1.72	1.25	1.70	3.10	1.47	1.71	0.840	0.2878	17
18	0.4908	0.7688	1.22 B	0.898	1.88	1.72	1.30	2.88	1.50	1.72	0.815	0.2888	18
19	0.5178	0.7838	1.12 B	0.887	1.72	2.28	2.82	2.88	1.33	1.81	0.784	0.3438	19
20	0.5808	0.7278	1.12 B	0.888	2.27	2.80	3.87	2.44	1.35	1.38	0.870	0.3888	20
21	0.5978	0.7038	1.10 B	0.888	1.82	3.12	4.07	2.31	1.52	0.888	0.728	0.377	21
22	0.6228	0.6838	1.01 B	0.880	2.31	2.71	4.89	2.20	1.52	0.858	0.887	0.347	22
23	0.6868	0.6728	1.16 B	0.848	2.02	2.40	4.70	2.28	1.43	0.818	1.01	0.372	23
24	0.6418	0.6248	1.11	0.838	1.73	2.01	4.21	2.39	1.38	0.842	1.01	0.388	24
25	0.6368	0.6428	1.09	0.832	1.84	1.88	4.07	2.28	1.43	1.08	1.07	0.483	25
26	0.6248	0.6538	1.24 B	0.833	1.42	1.32	3.88	1.84	1.48	1.03	0.784	0.488	26
27	0.6188	0.6508	0.933	0.841	1.48	1.05	3.38	1.74	1.47	1.08	0.851	0.471	27
28	0.6108	0.6538	1.18	0.858	2.00	1.48	2.80	1.88	1.80	1.06	0.888	0.838	28
29	0.5988		1.17	0.868	1.84	1.58	2.48	1.88	1.87	1.07	0.830	0.588	29
30	0.5888		1.21	0.852	1.81	1.83	2.02	1.78	1.88	1.07	0.893	0.4888	30
31	0.5928		1.48		1.87		1.84	1.80		1.08		0.2648	31
TOTAL	14.833	18.848	37.081	33.321	48.488	48.730	82.80	71.17	48.55	42.141	28.437	18.804	TOTAL
MEAN	0.472	0.888	1.20	1.11	1.80	1.88	2.87	2.30	1 62	1.36	0.881	0.832	MEAN
MAX	0.888	0.778	1.88	1.83	2.27	3.12	4.88	3.88	2.28	1 72	1 08	0.818	MAX
MIN	0.248	0.577	0.750	0.807	0.700	0.748	1.30	1.87	1.28	0.818	0.488	0.247	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 4.89 ON JUL 22
MINIMUM DAILY, 0.2478 ON DEC 15
MAXIMUM INSTANTANEOUS,
5.85 AT 21:38 MST ON JUL 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 51 N
LONG 113 07 02 W
DRAINAGE AREA, 2 780 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 280	JUL	7 150
FEB	1 810	AUG	8 150
MAR	3 200	SEP	4 190
APR	2 880	OCT	3 640
MAY	4 020	NOV	2 280
JUN	4 040	DEC	1 630

TOTAL DISCHARGE, 41 900 dam³

LITTLE BOW RIVER BELOW TRAVERS DAM - STATION NO. 05AC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.807	0.874	0.868A	0.888	0.788	0.881	0.888	0.881	---	1
2	---	---	---	0.818	0.858	0.810E	0.887	0.788	0.881	0.881	0.887A	---	2
3	---	---	---	0.831	0.834	0.888A	0.887	0.788	0.781	0.872	---	---	3
4	---	---	---	0.832	0.888	0.804	0.888	0.785	0.883	0.890	---	---	4
5	0.889A	---	---	0.841	0.897	0.890	0.714	0.778	0.886	0.802	---	---	5
6	---	---	---	0.838	0.814	0.878	0.783	0.771	0.785	0.844	---	---	6
7	---	---	---	0.837	0.848	0.888	0.785	0.788	0.780	0.853	---	---	7
8	---	---	---	0.835	0.840	0.820	0.748	0.711	0.708	0.828	---	---	8
9	---	---	---	0.832	0.884	0.880	0.718	0.672	0.731	0.831	---	---	9
10	---	---	---	0.833	0.882	0.801	0.718	0.738	0.878	0.850	---	---	10
11	---	---	---	0.880	0.888	0.825	0.748	0.780	0.813	0.887	---	---	11
12	---	---	---	0.882	0.888	0.838	0.717	0.883	0.821	0.858	---	---	12
13	---	---	---	0.838	0.872	0.858	0.880	0.883	0.737	0.858	---	---	13
14	---	---	---	0.837	0.888	0.738	0.848	0.748	0.889	0.888	---	---	14
15	---	---	---	0.818	0.834	0.721	0.822	0.718	0.888	0.878	---	0.858A	15
16	---	0.850A	---	0.808	0.828	0.717	0.838	0.722	0.888	0.858	---	---	16
17	---	---	---	0.822	0.828	0.705	0.834	0.748	0.883	0.859	---	---	17
18	---	---	---	0.838	0.848	0.728	0.714	0.881	0.887	0.855	---	---	18
19	---	---	---	0.838	0.888	0.800	0.804	0.880	0.878	0.852	---	---	19
20	---	---	---	0.838	0.881	0.818	0.883	0.888	0.872	0.884	---	---	20
21	---	---	---	0.837	0.728	0.800	0.885	0.881	0.870	0.881	---	---	21
22	---	---	---	0.837	0.752	0.808	0.787	0.877	0.888	0.885	---	---	22
23	---	---	0.840B	0.843	0.788	0.788	0.885	0.887	0.884	0.882	---	---	23
24	---	---	0.888B	0.858	0.772	0.803	0.718	0.880	0.831	0.857	0.848A	---	24
25	---	---	0.888B	0.858	0.784	0.808	0.777	0.888	0.888	0.871	---	---	25
26	0.828A	---	0.811B	0.884	0.782	0.778	0.782	0.877	0.818	0.882	---	---	26
27	---	---	0.810B	0.874	0.781	0.881	0.778	0.882	0.808	0.888	---	---	27
28	---	---	0.810B	0.888	0.808	0.882	0.781	0.888	0.878	0.888	---	---	28
29	---		0.810B	0.888	0.778	0.712	0.808	0.701	0.808	0.884	---	---	29
30	---		0.810B	0.885	0.708	0.747	0.818	0.881	0.888	0.870	---	---	30
31	---		0.808B		0.882		0.808	0.881		0.882		---	31
TOTAL	---	---	---	18.208	21.281	20.780	22.444	22.278	19.891	20.038	---	---	TOTAL
MEAN	---	---	---	0.840	0.888	0.883	0.724	0.718	0.888	0.848	---	---	MEAN
MAX	---	---	---	0.888	0.808	0.818	0.818	0.788	0.737	0.878	---	---	MAX
MIN	---	---	---	0.808	0.888	0.888	0.822	0.872	0.888	0.888	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.881
MAXIMUM DAILY, 0.818 ON JUN 30
MINIMUM DAILY, 0.888 ON SEP 30

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 04 N
LONG 112 40 14 W
DRAINAGE AREA, 6 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 840
FEB	---	AUG	1 820
MAR	---	SEP	1 700
APR	1 880	OCT	1 730
MAY	1 840	NOV	---
JUN	1 800	DEC	---

TOTAL DISCHARGE, 13 800 dam³

LITTLE BOW RIVER NEAR THE MOUTH - STATION NO. 05AC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.874	1.08	1.22	0.843	1.15	1.11	0.718	---	1
2	---	---	---	---	0.882	0.771	1.15	0.845	1.12	1.11	0.710A	---	2
3	---	---	---	---	0.888	0.776	0.782	1.01	1.27	1.17	---	---	3
4	---	---	---	---	0.894	0.811	1.44	1.13	1.05	1.52	---	---	4
5	---	---	---	---	0.840	0.973	1.11	1.32	1.09	1.01	---	---	5
6	---	---	---	---	0.834	0.975	1.63	1.07	1.50	1.70	---	---	6
7	---	---	---	---	0.826	0.880	1.07	1.02	1.44	2.05	---	---	7
8	---	---	---	---	0.850	0.851	1.23	1.02	1.50	2.05	---	---	8
9	---	---	---	---	0.851	0.901	0.880	1.15	1.49	1.79	---	---	9
10	---	---	---	---	0.844	0.739	0.884	1.19	1.34	1.27	---	---	10
11	---	---	---	---	0.838	0.722	1.08	1.29	1.21	1.11	---	---	11
12	---	---	---	---	0.881	0.830	1.12	1.26	1.13	0.972	---	---	12
13	---	---	---	---	0.726	0.873	1.23	1.22	1.14	0.726	---	---	13
14	---	---	---	---	0.788	0.880	1.34	1.35	1.22	0.715	---	---	14
15	---	---	---	---	0.800	0.868	1.28	1.05	1.33	0.734	---	---	15
16	---	---	---	---	0.784	1.08	1.38	1.70	1.38	0.706	---	---	16
17	---	---	---	---	0.818	1.08	1.15	1.05	1.35	0.748	---	---	17
18	---	---	---	---	1.08	0.828	0.980	1.68	1.44	0.732	---	---	18
19	---	---	---	---	1.13	1.12	3.13 E	1.68	1.68	0.718	---	---	19
20	---	---	---	---	1.10	1.30	2.80 E	1.92	1.59	0.717	---	---	20
21	---	---	---	---	1.08	0.870	2.00 E	1.85	1.41	0.785	---	---	21
22	---	---	---	---	1.07	0.778	2.24 A	1.48	1.17	0.724	---	---	22
23	---	---	---	---	1.18	0.881	1.73	1.40	1.32	0.708	---	---	23
24	---	---	---	---	1.45	0.818	1.88	1.44	0.883	0.734	---	---	24
25	---	---	---	---	1.38	0.715	1.47	1.42	0.860	0.732	---	---	25
26	---	---	---	---	1.40	0.781	1.44	1.37	1.08	0.725	---	---	26
27	---	---	---	---	1.62	0.784	1.40	1.44	1.32	0.726	---	---	27
28	---	---	---	---	2.50	0.811	1.34	1.55	1.43	0.718	---	---	28
29	---		---	0.867A	2.17	0.867	1.08	1.33	1.46	0.711	---	---	29
30	---		---	0.888	1.88	1.11	1.06	1.32	1.28	0.711	---	---	30
31	---		---		1.28		0.989	1.36		0.714		---	31
TOTAL	---	---	---	---	30.864	28.518	43.635	42.778	39.823	31.130	---	---	TOTAL
MEAN	---	---	---	---	0.989	0.884	1.41	1.38	1.33	1.00	---	---	MEAN
MAX	---	---	---	---	2.50	1.30	3.13	1.85	1.68	2.05	---	---	MAX
MIN	---	---	---	---	0.838	0.880	0.782	0.843	0.880	0.706	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 3.13E ON JUL 19
MINIMUM DAILY, 0.838 ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 00 N
LONG 112 30 30 W
DRAINAGE AREA, 5 880 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 770
FEB	---	AUG	3 700
MAR	---	SEP	3 440
APR	---	OCT	2 690
MAY	2 660	NOV	---
JUN	2 290	DEC	---

TOTAL DISCHARGE, 18 800 dam³

LITTLE ELBOW RIVER ABOVE WINAHI CREEK - STATION NO. 05BJ008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.32	3.28	2.30	2.68	1.72	1.46	1.21	---	1
2	---	---	---	---	3.42	3.10	2.43	2.53	1.76	1.47	1.21A	---	2
3	---	---	---	---	3.63	2.98	2.76	2.40	1.77	1.47	---	---	3
4	---	---	---	---	3.40	3.33	2.91	2.36	1.88	1.46	---	---	4
5	---	---	---	---	3.43	3.91	3.37	2.36	1.87	1.43	---	---	5
6	---	---	---	---	3.84	3.37	3.28	2.30	1.73	1.43	---	---	6
7	---	---	---	---	3.36	3.28	2.80	2.10	1.70	1.39	---	---	7
8	---	---	---	---	4.13	3.28	2.72	2.07	1.88	1.41	---	---	8
9	---	---	---	---	4.81	3.44	2.63	2.07	1.86	1.38	---	---	9
10	---	---	---	---	4.15	3.47	2.64	2.24	1.83	1.37	---	---	10
11	---	---	---	---	3.73	3.13	2.83	2.42	1.82	1.35	---	---	11
12	---	---	---	---	4.35	3.24	2.81	2.48	1.80	1.31	---	---	12
13	---	---	---	---	3.80	3.50	2.63	2.88	1.88	1.32	---	---	13
14	---	---	---	---	3.37	3.48	2.64	3.15	1.87	1.31	---	---	14
15	---	---	---	---	3.35	3.63	2.35	3.29	1.86	1.32	---	---	15
16	---	---	---	---	3.38	8.81	2.27	3.16	1.88	1.30	---	---	16
17	---	---	---	---	3.14	5.38	2.16	2.86	1.88	1.33	---	---	17
18	---	---	---	---	3.17	4.06	3.15	2.81	1.83	1.28	---	---	18
19	---	---	---	---	3.08	3.88	4.20	2.81	1.84	1.28	---	---	19
20	---	---	---	---	3.73	3.63	4.83	3.45	1.83	1.27	---	---	20
21	---	---	---	---	2.82	3.41	5.83	3.34	1.80	1.28	---	---	21
22	---	---	---	---	2.33	3.16	6.85	2.25	1.80	1.26	---	---	22
23	---	---	---	---	2.22	2.83	6.86	2.16	1.48	1.24	---	---	23
24	---	---	---	---	2.17	2.82	5.27	2.12	1.80	1.24	---	---	24
25	---	---	---	---	2.16	3.33	4.72	2.08	1.48	1.23	---	---	25
26	---	---	---	---	2.14	3.28	4.11	1.88	1.84	1.22	---	---	26
27	---	---	---	0.848A	2.17	2.39	3.86	1.87	1.80	1.21	---	---	27
28	---	---	---	1.12	2.30	2.48	3.27	1.84	1.48	1.20	---	---	28
29	---		---	1.48	2.48	2.34	3.06	1.80	1.80	1.20	---	---	29
30	---		---	1.92	2.44	2.28	2.92	1.75	1.48	1.22	---	---	30
31	---		---		2.43		2.82	1.88		1.22		---	31
TOTAL	---	---	---	---	83.83	95.18	108.11	72.88	47.74	40.66	---	---	TOTAL
MEAN	---	---	---	---	3.02	3.17	3.38	2.35	1.88	1.32	---	---	MEAN
MAX	---	---	---	---	4.81	8.81	6.86	3.28	1.77	1.47	---	---	MAX
MIN	---	---	---	---	2.14	2.08	2.16	1.88	1.48	1.20	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.47
MAXIMUM DAILY, 8.81 ON JUN 16
MINIMUM DAILY, 1.20 ON OCT 26
MAXIMUM INSTANTANEOUS,
7.78 AT 17:50 MST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 42 N
LONG 114 55 00 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 060
FEB	---	AUG	6 300
MAR	---	SEP	4 120
APR	---	OCT	3 630
MAY	8 080	NOV	---
JUN	8 220	DEC	---

TOTAL DISCHARGE, 39 300 dam³

LITTLE PADDLE RIVER NEAR MAYERTHORPE - STATION NO. 07EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388 B	5.26 B	0.328	0.301	0.025E	0.251	0.006	0.005E	0E	---	1
2	---	---	0.0388	4.81 B	0.613	0.268	0.025E	0.278	0.011	0.010E	0A	---	2
3	---	---	0.0388	4.02 B	2.11	0.308	0.027E	0.209	0.026	0.015E	---	---	3
4	---	---	0.0388	5.20 B	1.18	0.183	0.025E	0.148	0.026	0.018E	---	---	4
5	---	---	0.0388	3.55 B	0.882	0.178	0.030E	0.126	0.011	0.020A	---	---	5
6	---	---	0.0408	2.88 B	0.582	0.230	0.038E	0.117	0.013	0.022E	---	---	6
7	---	---	0.0408	2.36 B	0.458	0.285	0.038E	0.122	0.048	0.024E	---	---	7
8	---	---	0.0408	1.83 B	0.387	0.222	0.040E	0.111	0.042	0.024E	---	---	8
9	---	---	0.0408	1.38 B	0.380	0.184	0.043E	0.088	0.055	0.023E	---	---	9
10	---	---	0.0408	1.28 B	0.374	0.184	0.045E	0.084	0.028A	0.022E	---	---	10
11	---	---	0.0408	1.48 B	0.572	0.169	0.050E	0.077	0.022E	0.021E	---	---	11
12	---	---	0.0408	1.25 B	0.468	0.149	0.048E	0.267	0.015E	0.020A	---	---	12
13	---	---	0.0408	1.18 B	0.400	0.134	0.040A	0.332	0.010E	0.019E	---	---	13
14	---	---	0.0408	1.00 B	0.329	0.104	0.040A	0.180	0.005E	0.017A	---	---	14
15	---	---	0.0408	0.828	0.284	0.091	0.021A	0.140	0.001E	0.018E	---	---	15
16	---	---	0.0408	0.792	0.271	0.088	0.020A	0.118	0.001A	0.015E	---	---	16
17	---	---	0.0408	0.720	0.238	0.137	0.013	0.103	0.001E	0.014E	---	---	17
18	---	---	0.0408	0.622	0.207	0.116	0.014	0.087	0.001E	0.012E	---	---	18
19	---	---	0.0408	0.530	0.540	0.080	0.013	0.073A	0.001E	0.011E	---	---	19
20	---	---	0.0408	0.443	1.99	0.085	0.004	0.0832	0.001E	0.010E	---	---	20
21	---	---	0.0438	0.368	2.37	0.063A	0.003	0.058E	0.001E	0.009A	---	---	21
22	---	---	0.0508	0.380	2.22	0.044A	0.008	0.050E	0.001E	0.007E	---	---	22
23	---	---	0.0678	0.340	1.83	0.373A	0.007	0.045E	0.001A	0.005E	---	---	23
24	---	---	0.0868	0.303	1.19	0.134A	0.008	0.038E	0.001E	0.003E	---	---	24
25	---	---	0.1438	0.291	0.802	0.100E	0.010	0.038E	0.001E	0.002E	---	---	25
26	---	---	0.1718	0.282	0.539	0.075E	0.017	0.040A	0.001E	0.001E	---	---	26
27	---	---	0.1068	0.267	0.348	0.064E	0.036	0.042E	0.001E	0.001E	---	---	27
28	---	---	0.1008	0.258	0.291	0.035E	0.052	0.050E	0.001E	0.001A	---	---	28
29	---		0.1308	0.239	0.406	0.025E	0.085	0.055E	0.001E	0 E	---	---	29
30	---		1.72 B	0.298	0.373	0.036A	0.071	0.058A	0.001A	0 E	---	---	30
31	---		5.02 B		0.382		0.088	0.015		0 E	---	---	31
TOTAL	---	---	5.498	45.374	22.684	4.225	0.960	3.408	0.340	0.387	---	---	TOTAL
MEAN	---	---	0.271	1.51	0.732	0.141	0.031	0.110	0.011	0.012	---	---	MEAN
MAX	---	---	5.02	5.26	2.37	0.373	0.088	0.251	0.055	0.024	---	---	MAX
MIN	---	---	0.038	0.267	0.207	0.025	0.003	0.015	0.001	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.380
MAXIMUM DAILY, 5.258 ON APR 1
MINIMUM DAILY, 0E ON OCT 29

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 51 N
LONG 115 10 29 W
DRAINAGE AREA, 298 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83.9
FEB	---	AUG	284
MAR	726	SEP	29.4
APR	3 920	OCT	31.7
MAY	1 960	NOV	---
JUN	385	DEC	---

TOTAL DISCHARGE, 7 410 dam³

LITTLE RED DEER RIVER NEAR THE MOUTH - STATION NO. 05CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.418	1.878	1.508	7.378	5.26	1.65	1.08	2.69	3.16	1.81	1.68	1.18 B	1
2	1.418	1.878	1.508	6.588	6.03	1.69	1.16	2.47	2.90	1.73	1.68	1.16 B	2
3	1.418	1.878	1.628	9.188	6.73	1.69	1.16	2.43	2.85	1.80	1.81	1.11 B	3
4	1.418	1.878	1.658	7.688	6.84	1.55	1.20	2.68	2.94	1.68	1.72	1.08 B	4
5	1.418	1.878	1.608	8.988	5.81	1.60	1.60	2.37	3.82	1.84	1.74	1.03 B	5
6	1.418	1.858	1.788	8.908	5.12	1.48	2.85	2.20	3.88	1.48	1.72	0.9808	6
7	1.428	1.858	1.758	8.408	4.72	1.37	4.47	2.12	3.85	1.41	1.70	0.8908	7
8	1.438	1.858	1.788	8.708	4.23	1.32	4.86	2.38	4.10	1.37	1.68	0.8308	8
9	1.448	1.858	1.788	8.808	4.06	1.28	4.74	2.89	4.56	1.35	1.60	0.7708	9
10	1.468	1.858	1.758	8.008	3.80	1.35	4.01	2.86	3.94	1.34	1.48	0.7008	10
11	1.478	1.828	1.788	8.508	3.88	1.34	3.48	2.84	3.67	1.38	1.43	0.8208	11
12	1.478	1.828	1.668	8.908	3.63	1.32	3.15	2.78	3.02	1.33	1.55	0.8408	12
13	1.478	1.828	1.668	8.408	3.48	1.19	2.84	4.60	2.82	1.33	1.58	0.6808	13
14	1.478	1.828	1.668	8.408	3.48	1.18	2.54	4.52	2.38	1.33	1.48	0.3708	14
15	1.478	1.828	2.298	8.348	3.38	1.12	2.38	5.73	2.26	1.31	1.378	0.2908	15
16	1.508	1.508	3.028	8.12	3.18	1.22	2.23	6.62	2.23	1.31	1.328	0.2308	16
17	1.508	1.508	2.088	8.73	2.95	1.29	2.04	7.60	2.05	1.31	1.318	0.1808	17
18	1.508	1.508	1.818	8.01	2.81	1.38	1.84	8.84	1.97	1.31	1.308	0.1008	18
19	1.508	1.508	1.928	8.10	2.68	2.50	2.08	8.76	1.92	1.36	1.378	0.0978	19
20	1.508	1.508	1.838	4.78	3.07	2.40	3.38	6.88	1.93	1.43	1.478	0.0948	20
21	1.558	1.508	1.858	5.43	2.93	2.18	7.48	5.80	1.88	1.46	1.488	0.0918	21
22	1.558	1.508	1.928	12.1	2.78	1.74	8.37	5.32	1.74	1.43	1.458	0.0888	22
23	1.558	1.508	1.938	12.2	2.67	1.44	7.38	4.68	1.67	1.38	1.408	0.0858	23
24	1.558	1.508	2.048	10.1	2.58	1.28	6.38	3.81	1.68	1.37	1.388	0.0828	24
25	1.568	1.508	2.188	7.78	2.53	1.18	6.28	3.41	1.80	1.38	1.338	0.0798	25
26	1.578	1.508	2.488	8.43	2.40	1.07	6.87	3.42	1.58	1.36	1.308	0.0768	26
27	1.578	1.508	2.978	8.83	2.32	1.03	6.28	4.08	1.56	1.42	1.278	0.0738	27
28	1.578	1.508	3.338	8.18	2.18	1.08	4.88	3.85	1.53	1.43	1.248	0.0708	28
29	1.578		3.778	4.80	2.18	1.02	4.38	3.90	1.64	1.80	1.238	0.0678	29
30	1.578		3.868	5.03	2.20	0.891	3.48	3.67	1.78	1.88	1.218	0.0648	30
31	1.578		5.938		2.03		3.13	3.27		1.88		0.0608	31
TOTAL	46.22	43.70	69.88	208.18	111.83	42.891	115.88	134.84	76.19	44.87	43.74	13.816	TOTAL
MEAN	1.49	1.83	2.26	6.87	3.61	1.43	3.76	4.02	2.64	1.44	1.48	0.436	MEAN
MAX	1.67	1.87	5.93	12.2	6.84	2.50	8.37	7.60	4.56	1.81	1.74	1.18	MAX
MIN	1.41	1.50	1.50	4.78	2.03	0.891	1.08	2.12	1.53	1.31	1.31	0.060	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.57
MAXIMUM DAILY, 12.2 ON APR 23
MINIMUM DAILY, 0.0608 ON DEC 31
MAXIMUM INSTANTANEOUS,
16.8 AT 12:40 MST ON APR 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 40 N
LONG 114 08 20 W
DRAINAGE AREA, 2 880 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 980	JUL	10 000
FEB	3 880	AUG	10 800
MAR	6 040	SEP	6 880
APR	17 800	OCT	3 850
MAY	6 870	NOV	3 780
JUN	3 710	DEC	1 170

TOTAL DISCHARGE, 81 100 dam³

LITTLE RED DEER RIVER NEAR WATER VALLEY - STATION NO. 05CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.840B	3.78 B	1.88	0.518	0.838	1.50	1.47	1.01	0.744	---	1
2	---	---	0.650B	3.77 B	2.18	0.484	0.480	1.82A	1.38	0.950	0.742	---	2
3	---	---	0.630B	4.14 B	1.78	0.458	0.467	1.66E	2.78	0.935	0.738A	---	3
4	---	---	0.640B	3.74 B	1.40	0.494	2.21	1.62E	2.81	0.872	---	---	4
5	---	---	1.10 B	3.00 B	1.21	0.383	3.16	1.60E	2.24	0.831	---	---	5
6	---	---	1.22 B	2.30 B	1.10	0.387	3.41	1.62E	2.74	0.822	---	---	6
7	---	---	1.18 B	2.05 B	1.02	0.359	3.44	1.70E	3.26	0.789	---	---	7
8	---	---	1.00 B	1.86 B	0.954	0.334	2.77	2.20E	2.63	0.774	---	---	8
9	---	---	0.900B	1.62 B	0.888	0.306	2.33	2.60E	2.12	0.783	---	---	9
10	---	---	0.830B	1.15 B	0.789	0.290	2.07	3.00E	1.86	0.730	---	---	10
11	---	---	0.780B	0.830B	0.780	0.278	1.80	3.38A	1.81	0.706	---	---	11
12	---	---	0.700B	0.820B	0.807	0.261	1.71	2.83	1.48	0.731	---	---	12
13	---	---	0.810B	1.05 B	0.882	0.237	1.83	3.26	1.34	0.729	---	---	13
14	---	---	0.570B	1.50 B	0.763	0.232	1.34	4.12	1.30	0.700	---	---	14
15	---	---	0.560B	1.48 B	0.722	0.221	1.04	5.41	1.29	0.739	---	---	15
16	---	---	0.580B	1.35 B	0.780	1.21	1.00	4.80	1.21	0.769	---	---	16
17	---	---	0.570B	1.25 B	0.875	2.26	1.01	4.32	1.18	0.825	---	---	17
18	---	---	0.580B	1.10 B	0.828	1.63	1.20	4.25	1.11	0.829	---	---	18
19	---	---	0.590B	1.05 B	0.839	1.17	4.74	3.44	1.05	0.858	---	---	19
20	---	---	0.600B	1.12 B	0.826	0.862	8.39	3.23	1.00	0.7928	---	---	20
21	---	---	0.609B	1.86 B	0.804	0.883	5.61	2.84	0.881	0.788	---	---	21
22	---	---	0.610B	2.86 B	0.853	0.804	4.11	2.43	0.826	0.8618	---	---	22
23	---	---	0.615B	2.75	0.771	0.862	4.06	2.08	0.874	0.8618	---	---	23
24	---	---	0.610B	2.20	0.743	0.528	4.98	2.30	0.831	0.7928	---	---	24
25	---	0.481B	0.606B	1.83	0.704	0.426	3.40	3.22	0.814	0.861	---	---	25
26	---	0.500B	0.600B	1.51	0.695	0.328	2.81	2.87	0.807	0.880B	---	---	26
27	---	0.520B	0.590B	1.37	0.634	0.263	2.25	2.33	1.41	0.842	---	---	27
28	---	0.530B	0.570B	1.34	0.595	0.387	1.77	1.88	1.47	0.818	---	---	28
29	---		0.840B	1.28	0.586	0.422	1.48	2.03	1.28	0.823	---	---	29
30	---		1.16 B	1.48	0.532	0.486	1.17	2.02	1.11	0.874	---	---	30
31	---		2.44 B		0.608		1.22	1.72		0.716		---	31
TOTAL	---	---	23.646	57.730	28.788	17.705	75.385	83.16	46.382	23.805	---	---	TOTAL
MEAN	---	---	0.789	1.92	0.929	0.590	2.43	2.68	1.55	0.768	---	---	MEAN
MAX	---	---	2.44	4.14	2.18	2.26	8.39	5.41	3.26	1.01	---	---	MAX
MIN	---	---	0.560	0.820	0.506	0.221	0.457	1.50	0.814	0.680	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 8.39 ON JUL 20
MINIMUM DAILY, 0.221 ON JUN 15
MAXIMUM INSTANTANEOUS,
7.36 AT 21:53 MST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 41 N
LONG 114 40 19 W
DRAINAGE AREA, 449 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 510
FEB	---	AUG	7 190
MAR	2 080	SEP	4 010
APR	4 980	OCT	2 080
MAY	2 490	NOV	---
JUN	1 530	DEC	---

TOTAL DISCHARGE, 30 800 dam³

LITTLE SMOKY RIVER AT LITTLE SMOKY - STATION NO. 07GG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.288	4.828	17.2	19.3	4.31	8.40E	24.6	8.78	---	---	1
2	---	---	3.268	5.808	16.1	17.0	4.19	10.5	25.3	8.65	---	---	2
3	---	---	3.238	6.648	16.8	16.4	4.22	36.0	25.8	8.78	---	---	3
4	---	---	3.208	6.788	16.1	15.8	4.22	318	27.0	8.67	---	---	4
5	---	---	3.208	6.898	16.0	14.2	4.13	324	26.0	8.53	---	---	5
6	---	---	3.188	7.208	16.0	12.6	3.93	186	28.4	8.39	---	---	6
7	---	---	3.188	6.468	16.2	13.2	3.73	89.4 E	26.7	8.32	---	---	7
8	---	---	3.188	10.6 B	17.3	11.1	3.53	60.0 E	23.6	8.11	---	---	8
9	---	---	3.188	14.5 B	16.5	10.1	3.60E	46.0 E	21.4	7.97	---	---	9
10	---	---	3.008	21.0 B	15.8	14.1	3.60E	41.0 E	18.2	7.83	---	---	10
11	---	---	2.808	26.4 B	14.7	13.8	3.28E	44.0 E	17.7	7.76	---	---	11
12	---	---	2.858	27.4 B	15.0	12.5	3.50E	48.1	17.2	7.82	---	---	12
13	---	---	3.908	27.0 B	14.9	11.1	4.20E	82.0 E	16.8	7.83	---	---	13
14	---	---	3.008	28.7 B	14.6	9.48	5.40E	87.0 E	16.3	7.48	---	---	14
15	---	---	3.108	26.8	14.7	7.89	4.80E	82.0 E	16.3	7.27	---	---	15
16	---	---	3.108	24.3	14.8	7.10	4.40E	46.0 E	15.8	8.89	---	---	16
17	---	---	3.138	23.2	14.8	6.78	4.10E	43.0 E	14.8	8.75	---	---	17
18	---	---	3.188	19.9	15.4	6.29	3.60E	41.5 E	14.3	8.43	---	---	18
19	---	---	3.188	17.3	17.6	5.98	3.58E	39.5 E	13.3	8.22	---	---	19
20	---	---	3.209	16.5	18.9	5.81	3.40E	38.7 E	13.6	8.28	---	---	20
21	---	---	3.268	16.1	20.1	5.80	3.80E	38.0 E	12.1	8.22	---	---	21
22	---	---	3.308	16.2	21.3	6.06	4.60E	38.0 E	11.3	8.38	---	---	22
23	---	3.428	3.358	14.8	22.4	7.06	4.30E	40.0 E	10.6	8.38	---	---	23
24	---	3.408	3.438	14.2	23.7	7.72	4.10E	58.0 E	10.5	8.36	---	---	24
25	---	3.388	3.608	13.8	24.3	7.31	4.20E	88.0 E	9.98	8.43	---	---	25
26	---	3.368	3.308	13.7	23.2	7.06	4.00E	38.5	9.42	8.36	---	---	26
27	---	3.338	3.268	13.1	20.8	6.80	3.78E	31.5 E	8.89	8.84	---	---	27
28	---	3.308	3.408	13.6	19.6	6.73	3.70E	37.0 E	8.86	8.38	---	---	28
29	---		3.708	13.8	20.3	6.36	4.00E	38.5 E	8.02	8.38	---	---	29
30	---		4.008	14.8	20.7	6.65	4.40E	24.4	8.78	8.80	---	---	30
31	---		4.288		21.1		7.80E	24.3		8.84		---	31
TOTAL	---	---	100.94	478.89	571.4	292.83	128.83	1 975.80	507.55	225.18	---	---	TOTAL
MEAN	---	---	3.36	15.9	18.4	9.76	4.18	63.7	16.9	7.36	---	---	MEAN
MAX	---	---	4.28	28.7	24.3	19.3	7.80	324	28.4	8.89	---	---	MAX
MIN	---	---	3.00	4.82	14.7	4.65	3.28	8.40	8.78	6.22	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.5
MAXIMUM DAILY, 324 ON AUG 5
MINIMUM DAILY, 2.808 ON MAR 11
MAXIMUM INSTANTANEOUS,
388 ON AUG 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 24 N
LONG 117 10 48 W
DRAINAGE AREA, 3 010 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 100
FEB	---	AUG	171 000
MAR	6 730	SEP	43 900
APR	41 200	OCT	18 500
MAY	48 400	NOV	---
JUN	25 300	DEC	---

TOTAL DISCHARGE, 370 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

LITTLE SMOKY RIVER NEAR GUY - STATION NO. 07GH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.400	8.700	8.200	7.780	35.8	48.8	14.2	28.0	43.8	15.3	10.3	4.330	1
2	8.380	7.380	8.330	8.690	40.8	80.1	12.8	26.4	42.7	15.2	10.7	4.400	2
3	8.380	7.280	8.430	33.9 B	43.9	81.4	12.2	107	42.1	15.0	10.0	4.180	3
4	8.070	7.100	8.470	33.0 B	50.7	47.6	11.8	283	47.8	14.8	10.4	3.670	4
5	8.130	8.790	8.280	43.7 B	58.7	41.1	10.8	354	70.1	13.8	10.8	3.660	5
6	7.930	8.610	8.180	48.0 B	56.6	38.5	10.2	334	80.4	13.8	10.2	3.340	6
7	7.890	8.440	8.200	57.0 B	55.4	34.1	10.2	263	68.4	14.2	10.1	3.480	7
8	7.820	8.480	8.230	57.2 B	53.8	32.0	11.2	160	57.6	17.7	9.46	3.400	8
9	7.630	8.280	8.190	51.3 B	50.0	32.1	10.2	137	51.3	16.9	9.33	3.320	9
10	7.380	8.070	8.260	101 B	47.7	30.3	8.88	110	45.9	17.4	8.30	3.440	10
11	7.030	8.270	8.810	102 B	44.7	28.6	10.1	92.8	42.3	16.1	9.23	3.320	11
12	8.880	8.830	8.670	90.6 B	41.3	26.0	12.7	82.0	40.3	15.3	8.86	3.180	12
13	7.070	8.470	8.660	85.3 B	38.4	28.3	17.6	103	38.3	14.8	8.260	3.140	13
14	8.830	8.470	8.620	105	36.3	26.6	16.7	86.0	34.6	14.2	8.188	3.020	14
15	7.140	8.800	8.640	100	34.8	25.6	13.8	68.6	31.8	13.6	8.308	2.920	15
16	7.170	8.490	8.640	103	32.8	23.0	12.3	77.0	30.6	13.2	8.828	2.660	16
17	8.690	8.430	8.830	90.8	31.6	19.2	11.4	87.3	33.0	12.8	8.268	2.840	17
18	8.670	8.420	8.860	82.6	30.6A	17.1	10.6	80.0	36.2	12.8	8.108	2.840	18
19	7.010	8.430	8.840	74.5	31.0E	15.7	9.85	66.7	35.6	12.8	8.068	2.880	19
20	8.880	8.380	8.340	66.5	31.3A	16.2	10.6	58.2	33.3	12.0	8.448	2.970	20
21	8.780	8.680	8.430	60.2	34.7	15.1	13.3	58.6	28.1	11.8	8.288	2.970	21
22	7.110	8.380	8.370	62.9	46.8	14.7	13.1	66.4	26.3	11.8	8.268	2.806	22
23	7.180	8.380	8.470	60.4	62.1	16.3	12.3	106	24.4	11.6	8.178	3.006	23
24	7.330	8.440	8.380	67.6 A	61.8	16.6	12.4	123	22.6	10.8	8.308	3.088	24
25	7.280	8.640	8.180	63.3 E	61.1	22.6	12.1	109	21.0	10.7	4.630	3.180	25
26	7.260	8.410	8.100	60.0 E	60.1	22.6	11.8	91.3	19.6	10.2	4.890	3.140	26
27	7.360	8.330	8.600	57.2 A	47.6	23.1	10.7	76.8	18.3	9.66	5.050	3.070	27
28	7.220	8.350	8.870	56.2 A	44.0	19.2	11.7	65.7	17.2	9.41	5.220	2.840	28
29	7.440		8.590	54.8 A	42.2	17.2	12.3	58.0	16.4	9.66	4.910	2.920	29
30	7.430		8.930	54.3	38.8	16.6	16.3	51.0	15.7	10.7	4.630	2.840	30
31	8.980		8.810		40.1		26.3	46.6		11.1		2.760	31
TOTAL	238.80	183.10	189.76	1 833.85	1 346.3	811.6	386.41	3 402.9	1 116.1	411.25	232.44	100.07	TOTAL
MEAN	7.38	8.54	8.12	81.1	43.4	27.1	12.5	110	37.2	13.3	7.41	3.23	MEAN
MAX	8.40	7.38	8.81	105	58.8	81.4	26.3	354	80.4	16.9	10.7	4.40	MAX
MIN	8.87	8.07	8.87	7.78	30.8	14.7	8.88	28.0	15.7	9.41	3.82	2.76	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 354 ON AUG 5
MINIMUM DAILY, 2.760 ON DEC 31
MAXIMUM INSTANTANEOUS,
414 AT 20:00 MST ON AUG 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 25 N
LONG 117 09 40 W
DRAINAGE AREA, 11 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 800	JUL	33 400
FEB	15 800	AUG	285 000
MAR	18 400	SEP	88 300
APR	164 000	OCT	35 500
MAY	116 000	NOV	19 200
JUN	70 100	DEC	8 880

TOTAL DISCHARGE, 864 000 dam³

LLOYD CREEK NEAR BLUFFTON - STATION NO. 05CC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0880	1.74 B	0.388E	0.473	0.213	0.747	0.343	0.137	0.248	---	1
2	---	---	0.0870	2.84 B	0.380E	0.447	0.198	1.54	0.426	0.138	0.240A	---	2
3	---	---	0.0888	5.08 B	0.363E	0.361	0.188	3.11	0.886	0.131	---	---	3
4	---	---	0.0818	5.88 B	0.380E	0.381	0.181	3.47	0.743	0.161	---	---	4
5	---	---	0.0928	5.03	0.388E	0.368	0.184	2.18	0.677	0.172	---	---	5
6	---	---	0.0838	3.85	0.383E	0.380	0.202	1.77	0.807	0.182	---	---	6
7	---	---	0.0908	2.33	0.350E	0.384	0.212	1.61	0.882	0.186	---	---	7
8	---	---	0.0908	1.88	0.348E	0.381	0.217	1.32	0.468	0.189	---	---	8
9	---	---	0.0908	1.24	0.340E	0.341	0.237	0.981	0.388	0.170	---	---	9
10	---	---	0.0888	0.988	0.338E	0.343	0.287	0.886	0.390	0.183	---	---	10
11	---	---	0.0868	0.878	0.337E	0.353	0.288	1.71	0.288	0.173	---	---	11
12	---	---	0.0908	0.714	0.338E	0.378	0.253	2.84	0.248	0.178	---	---	12
13	---	---	0.0858	0.585	0.333E	0.414	0.287	3.04	0.302	0.178	---	---	13
14	---	---	0.1008	0.513	0.330E	0.388	0.324	2.71	0.188	0.173	---	---	14
15	---	---	0.1008	0.458	0.330E	0.341	0.260	2.11	0.178	0.172	---	---	15
16	---	---	0.1058	0.380	0.333E	0.444	0.283	1.87	0.170	0.188	---	---	16
17	---	---	0.1108	0.336	0.338E	0.300E	0.278	1.30	0.188	0.182	---	---	17
18	---	---	0.1158	0.333	0.340E	0.218	0.286	1.16	0.171	0.180	---	---	18
19	---	---	0.1158	0.328	0.355E	0.248	0.318	1.06	0.188	0.281	---	---	19
20	---	---	0.1158	0.308	0.430E	0.238	0.411	0.810	0.182	0.178	---	---	20
21	---	---	0.1108	0.273	0.580E	0.253	0.480	0.618	0.148	0.182	---	---	21
22	---	---	0.1108	0.244	0.750E	0.263	0.628	0.707	0.127	0.183	---	---	22
23	---	---	0.1048	0.227	1.11 E	0.286	1.30	0.588	0.134	0.181	---	---	23
24	---	---	0.0948	0.275	0.870E	0.288	1.68	0.481	0.124	0.187	---	---	24
25	---	---	0.1348	0.383	0.780E	0.288	1.28	0.418	0.122	0.188	---	---	25
26	---	0.0888	0.1878	0.308	0.650E	0.331	0.884	0.341	0.128	0.208	---	---	26
27	---	0.0888	0.2488	0.314A	0.830E	0.198	0.887	0.302	0.121	0.211	---	---	27
28	---	0.0888	0.2138	0.328	0.483A	0.182	0.810	0.308	0.128	0.238	---	---	28
29	---		0.1788	0.328A	0.438	0.183	0.382	0.287	0.138	0.237	---	---	29
30	---		0.2028	0.340E	0.440	0.204	0.310	0.328	0.133	0.231	---	---	30
31	---		1.00 B		0.448		0.318	0.340		0.229		---	31
TOTAL	---	---	4.818	38.188	14.117	8.470	13.174	38.885	8.432	5.808	---	---	TOTAL
MEAN	---	---	0.148	1.27	0.455	0.316	0.425	1.26	0.314	0.187	---	---	MEAN
MAX	---	---	1.00	5.88	1.11	0.473	1.68	3.04	0.886	0.281	---	---	MAX
MIN	---	---	0.0858	0.227	0.330	0.183	0.184	0.303	0.121	0.131	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.648
MAXIMUM DAILY, 5.880 ON APR 4
MINIMUM DAILY, 0.0858 ON MAR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 44 30 N
LONG 114 08 50 W
DRAINAGE AREA, 241 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 140
FEB	---	AUG	3 370
MAR	350	SEP	815
APR	3 300	OCT	802
MAY	1 220	NOV	---
JUN	818	DEC	---

TOTAL DISCHARGE, 11 800 dam³

LODGE CREEK AT HIGHWAY NO. 41 - STATION NO. 11AB902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.37	0.132	0.030	0.048	0	0.052	0.018	0.035	---	1
2	---	---	---	1.88	0.121	0.031	0.023	0	0.048	0.015	0.0384	---	2
3	---	---	---	1.87	0.111	0.033	0.001	0.047	0.046	0.013	---	---	3
4	---	---	---	1.93	0.150	0.033	0	0.055	0.036	0.013	---	---	4
5	---	---	---	1.98	0.117	0.018	0	0.058	0.027	0.009	---	---	5
6	---	---	0.885	2.04	0.083	0.020	0.017	0.031	0.008	0.042	---	---	6
7	---	---	---	1.80	0.083	0.016	0.044	0.018	0.003	0.048	---	---	7
8	---	---	---	1.31	0.080	0.017	0.036	0.002	0	0.050	---	---	8
9	---	---	---	1.01	0.071	0.021	0.038	0	0	0.042	---	---	9
10	---	---	---	0.738	0.050	0.026	0.037	0	0	0.032	---	---	10
11	---	---	---	0.802	0.043	0.028	0.035	0	0	0.024	---	---	11
12	---	---	---	0.877	0.040	0.018	0.026	0	0	0.021	---	---	12
13	---	---	---	0.488	0.048	0.008	0.008	0	0	0.020	---	---	13
14	---	---	---	0.432	0.042	0.010	0	0	0	0.018	---	---	14
15	---	---	---	0.443	0.039	0.018	0	0	0	0.018	---	---	15
16	---	---	---	0.514	0.038	0.018	0	0.004	0	0.011	---	---	16
17	---	---	---	0.518	0.033	0.012	0	0.012	0	0.011	---	---	17
18	---	---	---	0.467	0.036	0.008	0	0.013	0.001	0.010	---	---	18
19	---	---	---	0.382	0.041	0.038	0.021	0.047	0	0.013	---	---	19
20	---	---	---	0.348	0.038	0.084	0.048	0.018	0	0.018	---	---	20
21	---	---	---	0.288	0.038	0.083	0.050	0.002	0.001	0.010	---	---	21
22	---	---	---	0.233	0.037	0.053	0.037	0	0.005	0.004	---	---	22
23	---	---	---	0.222	0.036	0.046	0.038	0	0.001	0.002	---	---	23
24	---	---	---	0.213	0.038	0.043	0.024	0.042	0.003	0.008	---	---	24
25	---	---	---	0.200	0.043	0.036	0.011	0.250	0.009	0.005	---	---	25
26	---	---	---	0.183	0.050	0.028	0	0.104	0.018	0.002	---	---	26
27	---	---	---	0.180	0.052	0.026	0	0.073	0.021	0.001	---	---	27
28	---	---	---	0.188	0.053	0.033	0.008	0.055	0.025	0.001	---	---	28
29	---		---	0.153	0.048	0.038	0.025	0.038	0.023	0	---	---	29
30	---		---	0.141	0.044	0.048	0.025	0.044	0.017	0.029	---	---	30
31	---		---		0.045		0.005	0.082		0.040		---	31
TOTAL	---	---	---	33.249	1.891	0.882	0.606	1.599	0.364	0.535	---	---	TOTAL
MEAN	---	---	---	0.775	0.061	0.028	0.020	0.052	0.011	0.017	---	---	MEAN
MAX	---	---	---	2.37	0.150	0.084	0.050	0.842	0.052	0.050	---	---	MAX
MIN	---	---	---	0.141	0.033	0.006	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032

MINIMUM DAILY, 0 ON JUL 4

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 10 N
LONG 110 15 20 W
DRAINAGE AREA, 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	52.8
FEB	---	AUG	138
MAR	---	SEP	28.7
APR	2 010	OCT	46.2
MAY	183	NOV	---
JUN	74.8	DEC	---

TOTAL DISCHARGE, 504 dam³

LOGAN RIVER NEAR THE MOUTH - STATION NO 07CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5878	0.8328	2.13	1.68	1.24	0.705	0.752	0.683	0.884	---	1
2	---	---	0.5878	0.8318	2.11	1.72	1.28	0.680	0.628	0.771	0.8808	---	2
3	---	---	0.5878	0.8318	2.07	1.77	1.21	0.678	0.776	0.688	0.8588	---	3
4	---	---	0.5878	0.8508	2.01	1.81	1.18	0.695	0.742	0.857	0.8548	---	4
5	---	---	0.5878	0.7108	1.98	1.82	1.10	0.840	0.722	0.853	0.8898	---	5
6	---	---	0.5878	0.8128	1.93	1.82	1.06	0.808	0.881	0.857	---	---	6
7	---	---	0.5878	2.02 E	1.88	1.85	1.04	0.788	0.886	0.886	---	---	7
8	---	---	0.5878	2.08 E	1.81	2.37	1.02	0.728	0.872	0.833	---	---	8
9	---	---	0.5878	3.76 E	1.77	2.39	1.03	0.710	0.888	0.837	---	---	9
10	---	---	0.5878	3.26 E	1.72	2.21	1.03	0.783	0.883	0.840	---	---	10
11	---	---	0.5878	3.11 E	1.89	2.09	1.03	0.888	0.888	0.845	---	---	11
12	---	---	0.5878	2.88 E	1.84	1.88	0.883	1.38	0.859	0.850	---	---	12
13	---	---	0.5878	2.87 E	1.89	1.81	0.842	1.44	0.884	0.849	---	---	13
14	---	---	0.5878	2.78 E	1.84	1.85	0.928	1.31	0.848	0.859	---	---	14
15	---	---	0.5878	2.68 E	1.48	1.82	0.885	1.18	0.882	0.881	---	---	15
16	---	---	0.5878	3.07 E	1.42	1.45	0.875	1.07	0.880	0.854	---	---	16
17	---	---	0.5878	3.26 E	1.37	1.38	0.883	1.01	0.849	0.882	---	---	17
18	---	---	0.5878	3.24 E	1.34	1.33	0.838	0.988	0.848	0.882	---	---	18
19	---	---	0.5878	3.30 E	1.43	1.27	0.838	0.882	0.848	0.842	---	---	19
20	---	---	0.5878	3.00 E	1.72	1.21	0.832	0.911	0.841	0.8428	---	---	20
21	---	---	0.5708	2.87 E	1.88	1.24	0.830	0.887	0.841	0.8418	---	---	21
22	---	---	0.5738	2.83 E	1.88	1.32	0.818	0.898	0.848	0.883	---	---	22
23	---	---	0.5778	2.31 E	1.87	1.22	0.788	0.910	0.851	0.8538	---	---	23
24	---	---	0.5828	2.48 E	1.86	1.18	0.788	0.928	0.838	0.8568	---	---	24
25	---	---	0.5868	2.28 E	1.78	1.18	0.774	0.861	0.826	0.8838	---	---	25
26	---	---	0.5908	2.21 E	1.87	1.15	0.780	0.847	0.831	0.8888	---	---	26
27	---	---	0.5878	2.25 E	1.83	1.12	0.781	0.937	0.836	0.8868	---	---	27
28	---	---	0.5848	2.19	1.88	1.08	0.787	0.882	0.836	0.8888	---	---	28
29	---		0.5888	2.18	1.80	1.08	0.745	0.813	0.838	0.8878	---	---	29
30	---		0.6108	2.15	1.84	1.12	0.708	0.783	0.843	0.8888	---	---	30
31	---		0.6388		1.87		0.884	0.788		0.879		---	31
TOTAL	---	---	17.818	89.738	53.88	46.88	28.821	28.825	20.083	20.404	---	---	TOTAL
MEAN	---	---	0.575	2.32	1.74	1.58	0.823	0.833	0.670	0.858	---	---	MEAN
MAX	---	---	0.830	3.76	2.13	2.39	1.29	1.44	0.828	0.771	---	---	MAX
MIN	---	---	0.587	0.831	1.34	1.08	0.884	0.708	0.628	0.833	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 3.768 ON APR 6
MINIMUM DAILY, 0.5878 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.388 AT 10:48 MST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 44 N
LONG 111 43 42 W
DRAINAGE AREA, 425 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 470
FEB	---	AUG	2 600
MAR	1 540	SEP	1 740
APR	5 030	OCT	1 750
MAY	4 580	NOV	---
JUN	4 080	DEC	---

TOTAL DISCHARGE, 24 800 dam³

LOMOND LATERAL NEAR HEADGATE - STATION NO. 08AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	1.16	8.76	9.85	3.38	2.48	4.88	0	---	1
2	---	---	---	0	3.00	10.7	9.81	3.33	2.31	4.88	0A	---	2
3	---	---	---	0	2.88	11.2	9.88	3.33	2.33	4.86	---	---	3
4	---	---	---	0	2.88	11.4	10.1	3.38	2.31	4.87	---	---	4
5	---	---	---	0	4.80	11.5	10.1	3.38	2.36	2.83	---	---	5
6	---	---	---	0	5.82	11.6	10.2	3.23	2.38	0.020	---	---	6
7	---	---	---	0	5.71	11.7	10.2	3.27	2.34	0	---	---	7
8	---	---	---	0	5.82	11.8	10.3	3.27	2.28	0	---	---	8
9	---	---	---	0	5.80	11.8	10.4	3.28	3.15	0	---	---	9
10	---	---	---	0	5.83	11.7	10.3	2.71	3.73	0	---	---	10
11	---	---	---	0	5.82	11.4	10.3	2.48	4.31	0	---	---	11
12	---	---	---	0	7.58	11.1	10.3	2.48	4.82	0	---	---	12
13	---	---	---	0	8.64	11.0	8.86	2.47	4.88	0	---	---	13
14	---	---	---	0	9.33	10.6	9.47	2.46	4.88	0	---	---	14
15	---	---	---	0	9.27	10.3	8.76	2.38	4.46	0	---	---	15
16	---	---	---	0	9.30	10.2	7.86	2.35	4.88	0	---	---	16
17	---	---	---	0	9.42	10.1	7.28	1.70	4.84	0	---	---	17
18	---	---	---	0	9.48	10.1	7.18	1.31	4.88	0	---	---	18
19	---	---	---	0	9.45	10.2	7.17	1.30	4.85	0	---	---	19
20	---	---	---	0	9.52	10.4	8.89	2.04	4.83	0	---	---	20
21	---	---	---	0	10.5	8.97	3.85	2.56	4.80	0	---	---	21
22	---	---	---	0	11.1	8.89	2.74	2.49	4.86	0	---	---	22
23	---	---	0A	0	11.2	10.3	2.44	2.44	4.87	0	---	---	23
24	---	---	0	0	11.2	10.4	2.42	2.39	4.85	0	---	---	24
25	---	---	0	0	11.1	10.1	2.38	2.36	4.81	0	---	---	25
26	---	---	0	0	12.3	9.81	2.34	2.39	4.87	0	---	---	26
27	---	---	0	0	13.0	10.0	3.08	2.48	4.86	0	---	---	27
28	---	---	0	0	12.9	9.85	1.84	2.49	4.86	0	---	---	28
29	---		0	0	10.8	9.89	1.83	2.48	4.87	0	---	---	29
30	---		0	0	9.67	9.86	2.83	2.48	4.88	0	---	---	30
31	---		0		9.77		3.44	2.80		0		---	31
TOTAL	---	---	---	0	255.43	319.32	213.26	80.14	117.65	21.250	---	---	TOTAL
MEAN	---	---	---	0	8.24	10.6	6.88	2.59	3.92	0.685	---	---	MEAN
MAX	---	---	---	0	13.0	11.8	10.4	3.33	4.88	4.89	---	---	MAX
MIN	---	---	---	0	1.14	8.76	1.83	1.30	2.23	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.71
MAXIMUM DAILY, 13.0 ON MAY 27
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 50 N
LONG 112 38 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 400
FEB	---	AUG	6 920
MAR	---	SEP	10 200
APR	0	OCT	1 640
MAY	22 100	NOV	---
JUN	27 500	DEC	---

TOTAL DISCHARGE, 87 100 dam³

LOVETT RIVER NEAR THE MOUTH - STATION NO. 07BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	0.488	0.747	0.548	7.38	1.27	0.971	0.482	---	1
3	---	---	---	---	0.474	0.888	0.494	17.9	1.28	0.952	0.458	---	2
4	---	---	---	---	0.412	0.628	0.508	7.88	1.31	0.940	0.410	---	3
5	---	---	---	---	0.378	0.635	0.638	5.36	1.25	0.944	0.412A	---	4
6	---	---	---	---	0.388	0.887	0.811	5.79	1.21	1.01	---	---	5
7	---	---	---	---	0.384	0.716	0.903	4.40	1.16	0.928	---	---	6
8	---	---	---	---	0.348	0.671	0.820	3.40	1.08	0.903	---	---	7
9	---	---	---	---	0.338	0.682	0.831	3.21	1.08	0.841	---	---	8
10	---	---	---	---	0.326	0.652	1.33	3.06	1.04	0.852	---	---	9
11	---	---	---	---	0.361	0.849	1.88	3.67	1.02	0.911	---	---	10
12	---	---	---	---	0.428	0.843	1.28	4.06	0.984	0.868	---	---	11
13	---	---	---	---	0.420	0.886	1.03	3.85	0.984	0.845	---	---	12
14	---	---	---	---	0.482	0.841	0.821	3.48	0.885	0.830	---	---	13
15	---	---	---	---	0.530	0.899	0.878	3.85	1.03	0.788	---	---	14
16	---	---	---	---	0.608	0.846	0.818	2.70	1.18	0.778	---	---	15
17	---	---	---	---	0.457	0.778	0.827	2.80	1.10	0.812	---	---	16
18	---	---	---	---	0.462	0.881	0.750	2.50	1.08	0.877	---	---	17
19	---	---	---	---	0.503	0.703	0.818	2.55	1.07	0.548	---	---	18
20	---	---	---	---	0.838	0.815	0.780	2.62	1.08	0.845	---	---	19
21	---	---	---	---	0.838	0.887	0.703	2.33	1.01	0.883	---	---	20
22	---	---	---	---	0.788	0.841	0.716	2.18	0.850	0.720	---	---	21
23	---	---	---	---	0.802	0.831	0.784	2.00	0.873	0.888	---	---	22
24	---	---	---	---	0.882	0.887	0.702	1.88	0.808	0.773	---	---	23
25	---	---	---	---	1.14	0.840	0.878	1.77	0.874	0.881	---	---	24
26	---	---	---	---	1.08	0.837	0.742	1.71	0.848	0.781	---	---	25
27	---	---	---	---	0.887	0.488	0.784	1.84	1.08	0.838	---	---	26
28	---	---	---	---	0.814	0.884	0.888	1.88	1.13	0.800	---	---	27
29	---	---	---	0.448A	0.782	0.821	0.804	1.80	1.08	0.822	---	---	28
30	---	---	---	0.481	0.840	0.838	0.889	1.88	1.01	0.488	---	---	29
31	---	---	---	0.480	0.812	0.844	0.718	1.48	1.00	0.488	---	---	30
TOTAL	---	---	---	---	0.834		0.888	1.34		0.488		---	31
MEAN	---	---	---	---	15.828	19.125	26.013	110.36	31.887	23.283	---	---	TOTAL
MAX	---	---	---	---	0.811	0.838	0.807	3.56	1.08	0.781	---	---	MEAN
MIN	---	---	---	---	1.14	0.881	1.88	17.9	1.31	1.01	---	---	MAX
				---	0.328	0.488	0.484	1.34	0.808	0.488	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 17.9 ON AUG 2
MINIMUM DAILY, 0.328 ON MAY 9
MAXIMUM INSTANTANEOUS,
28.4 AT 02:38 MST ON AUG 2

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 50 N
LONG 116 38 20 W

DRAINAGE AREA, 101 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 180
FEB	---	AUG	9 530
MAR	---	SEP	2 760
APR	---	OCT	2 010
MAY	1 840	NOV	---
JUN	1 650	DEC	---

TOTAL DISCHARGE, 19 800 dam³

LOWER KANANASKIS LAKE - STATION NO. 05BF009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1888.01	1888.65	1888.44	1887.38	1888.70	1887.80	1880.86	1882.81	1884.33	1884.89	1884.30	1884.78	1
2	1888.88	1888.73	1888.81	1887.40	1888.82	1887.81	1880.82	1882.85	1884.28	1885.09	1884.33	1884.70	2
3	1888.72	1888.88	1888.40	1887.42	1888.82	1887.42	1880.83	1882.88	1884.31	1885.13	1884.38	1884.74	3
4	1888.48	1888.88	1888.39	1887.44	1888.78	1887.82	1880.87	1882.81	1884.38	1885.16	1884.38	1884.78	4
5	1888.38	1888.48	1888.18	1887.47	1888.80	1887.82	1881.04	1882.86	1884.38	1885.18	1884.40	1884.89	5
6	1888.28	1888.38	1888.00	1887.48	1888.48	1887.78	1881.12	1883.03	1884.40	1885.08	1884.36	1884.95	6
7	1888.20	1888.28	1888.02	1887.48	1888.80	1887.88	1881.18	1883.07	1884.44	1885.08	1884.49	1884.95	7
8	1888.08	1888.28	1888.04	1887.38	1888.80	1887.84	1881.28	1883.10	1884.44	1885.07	1884.48	1884.93	8
9	1887.88	1888.28	1887.88	1887.41	1887.00	1888.18	1881.38	1883.18	1884.48	1885.03	1884.52	1884.92	9
10	1887.88	1888.40	1887.88	1887.43	1887.19	1888.30	1881.48	1883.23	1884.52	1885.01	1884.48	1884.91	10
11	1887.88	1888.48	1887.47	1887.48	1887.44	1888.42	1881.84	1883.28	1884.88	1884.98	1884.38	1884.92	11
12	1887.80	1888.82	1887.28	1887.47	1887.82	1888.88	1881.80	1883.31	1884.87	1884.86	1884.30	1884.92	12
13	1887.80	1888.77	1887.21	1887.48	1887.78	1888.73	1881.71	1883.41	1884.80	1884.84	1884.30	1884.88	13
14	1887.88	1888.78	1887.23	1887.41	1887.88	1888.88	1881.78	1883.47	1884.83	1884.78	1884.41	1884.97	14
15	1887.88	1888.80	1887.24	1887.34	1887.81	1888.84	1881.78	1883.84	1884.82	1884.87	1884.83	1884.88	15
16	1887.88	1888.82	1887.21	1887.27	1887.87	1888.12	1881.88	1883.80	1884.87	1884.88	1884.80	1884.84	16
17	1887.83	1887.14	1887.22	1887.30	1888.01	1888.28	1881.82	1883.88	1884.88	1884.80	1884.80	1884.83	17
18	1887.82	1887.38	1887.24	1887.33	1887.84	1888.43	1881.88	1883.88	1884.72	1884.81	1884.88	1884.81	18
19	1887.38	1887.48	1887.28	1887.38	1888.13	1888.84	1882.08	1883.74	1884.74	1884.48	1884.88	1884.88	19
20	1887.28	1887.87	1887.27	1887.37	1888.18	1888.88	1882.13	1883.81	1884.78	1884.37	1884.84	1884.92	20
21	1887.19	1887.88	1887.28	1887.30	1888.33	1888.77	1882.17	1883.85	1884.78	1884.28	1884.71	1884.85	21
22	1887.02	1887.88	1887.30	1887.31	1888.33	1888.88	1882.23	1883.88	1884.77	1884.20	1884.78	1884.88	22
23	1888.81	1887.80	1887.28	1887.33	1888.34	1888.87	1882.30	1883.84	1884.82	1884.15	1884.78	1884.80	23
24	1888.88	1888.81	1887.30	1887.38	1888.28	1888.28	1882.38	1883.88	1884.84	1884.23	1884.81	1884.87	24
25	1887.84	1888.88	1887.31	1887.38	1888.28	1888.40	1882.44	1883.88	1884.87	1884.28	1884.83	1884.81	25
26	1888.83	1888.32	1887.33	1887.41	1888.18	1888.47	1882.81	1884.03	1884.88	1884.22	1884.88	1884.88	26
27	1888.83	1888.41	1887.33	1887.38	1888.18	1888.84	1882.87	1884.07	1884.81	1884.23	1884.87	1884.88	27
28	1888.78	1888.43	1887.38	1887.84	1888.13	1888.82	1882.88	1884.10	1884.83	1884.28	1885.01	1884.88	28
29	1888.72		1887.37	1888.88	1888.87	1888.74	1882.84	1884.13	1884.88	1884.28	1885.08	1884.82	29
30	1888.84		1887.37	1888.78	1887.87	1888.78	1882.72	1884.17	1884.88	1884.27	1884.87	1884.85	30
31	1888.74		1887.37		1887.88		1882.78	1884.21		1884.28		1884.80	31
MEAN	1887.82	1887.13	1887.87	1887.34	1887.82	1888.08	1881.83	1883.84	1884.84	1884.88	1884.88	1884.88	MEAN
MAX	1888.01	1888.43	1888.81	1887.48	1888.34	1888.78	1882.78	1884.21	1884.88	1885.18	1885.08	1884.88	MAX
MIN	1888.84	1888.28	1887.21	1888.78	1888.48	1887.42	1880.88	1882.81	1884.22	1884.18	1884.30	1884.78	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1880.80
MAXIMUM DAILY, 1888.18 ON OCT 4
MINIMUM DAILY, 1888.38 ON FEB 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 20 N
LONG 115 07 30 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
389 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOYALIST CREEK NEAR CONSORT - STATION NO 05CA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0278	0.006	0.013	0	0	0	0	---	---	1
2	---	---	0 B	0.0328	0.006	0.008	0	0	0	0	---	---	2
3	---	---	0 B	0.0378	0.007	0.006	0	0	0	0	---	---	3
4	---	---	0 B	0.1008	0.008	0.007	0.134	0	0	0	---	---	4
5	---	---	0 B	0.3858	0.008	0.006	0.018	0.002	0	0	---	---	5
6	---	---	0 B	0.2358	0.008	0.004	0.006	0.001	0	0	---	---	6
7	---	---	0 B	0.1828	0.008	0.003	0.003	0	0	0	---	---	7
8	---	---	0 B	0.1478	0.005	0.004	0.002	0	0	0	---	---	8
9	---	---	0 B	0.114	0.005	0.004	0.055	0.001	0	0.138	---	---	9
10	---	---	0 B	0.089	0.005	0.005	0.940	0.001	0	0.340	---	---	10
11	---	---	0 B	0.084	0.005	0.007	0.950	0.001	0	0.318	---	---	11
12	---	---	0 B	0.047	0.005	0.003	0.885	0.001	0	0.240	---	---	12
13	---	---	0 B	0.036	0.005	0.001	0.578	0	0	0.233	---	---	13
14	---	---	0 B	0.022	0.005	0	0.300	0	0	0.056	---	---	14
15	---	---	0 B	0.013	0.005	0	0.174	0.001	0	0.002	---	---	15
16	---	---	0 B	0.009	0.005	0	0.105	0.001	0	0.001	---	---	16
17	---	---	0 B	0.004	0.005	0	0.060	0	0	0.001	---	---	17
18	---	---	0 B	0.032	0.004	0	0.020	0	0	0.001	---	---	18
19	---	---	0 B	0.015	0.004	0	0.008	0	0	0.001	---	---	19
20	---	---	0 B	0.016	0.004	0	0.004	0	0	0.001	---	---	20
21	---	---	0 B	0.011	0.004	0	0.003	0	0	0.001	---	---	21
22	---	---	0 B	0.008	0.004	0	0.002	0	0	0.001	---	---	22
23	---	---	0 B	0.005	0.004	0	0.001	0	0	0.001	---	---	23
24	---	08	0 B	0.006	0.013	0	0.001	0	0	0.001	---	---	24
25	---	08	0 B	0.006	0.020	0	0	0	0	0.001	---	---	25
26	---	08	0 B	0.008	0.030	0	0	0	0	0.001	---	---	26
27	---	08	0 B	0.007	0.034	0	0	0	0	0.001A	---	---	27
28	---	08	0 B	0.008	0.030	0	0	0	0	0 B	---	---	28
29	---		0 B	0.008	0.019	0	0.001	0	0	0 B	---	---	29
30	---		0 B	0.008	0.015	0	0.001	0	0	0 B	---	---	30
31	---		0 0218		0.023		0	0		0 B		---	31
TOTAL	---	---	0.021	1.844	0.280	0.073	4.277	0.008	0	1.330	---	---	TOTAL
MEAN	---	---	0.001	0.055	0.008	0.002	0.138	0	0	0.043	---	---	MEAN
MAX	---	---	0.021	0.385	0.030	0.013	0.880	0.003	0	0.340	---	---	MAX
MIN	---	---	0	0.008	0.004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.880 ON JUL 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.880 AT 08:10 MST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 04 N
LONG 110 45 54 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	370
FEB	---	AUG	0.75
MAR	1.81	SEP	0
APR	142	OCT	115
MAY	24.2	NOV	---
JUN	6.31	DEC	---

TOTAL DISCHARGE, 660 dam³

LUYOBE CREEK NEAR STEEN RIVER - STATION NO. 07OB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	7.88	1.80	1.82	0.268	0.114	0.277	---	---	1
2	---	---	0B	0 B	7.38	1.84	1.87	0.313	0.103	0.268	---	---	2
3	---	---	0B	0 B	8.06	1.87	1.81	0.258	0.091	0.290	---	---	3
4	---	---	0B	0 B	8.62	2.03	1.73	0.316	0.086	0.287	---	---	4
5	---	---	0B	0 B	8.08	2.08	1.84	0.268	0.081	0.270	---	---	5
6	---	---	0B	0 B	8.24	1.81	1.88	0.228	0.087	0.258	---	---	6
7	---	---	0B	0 B	4.78	1.82	1.42	0.218	0.088	0.411	---	---	7
8	---	---	0B	0 B	4.32	1.78	1.28	0.217	0.082	0.845	---	---	8
9	---	---	0B	0 B	4.02	1.85	1.13	0.218	0.084	0.831	---	---	9
10	---	---	0B	0 B	3.74	1.87	0.882	0.181	0.063	0.883	---	---	10
11	---	---	0B	0 B	3.81	1.43	0.872	0.185	0.037	0.883	---	---	11
12	---	---	0B	0 B	3.42	1.34	0.782	0.163	0.038	0.845	---	---	12
13	---	---	0B	0.0028	3.44	1.34	0.731	0.155	0.035	0.703	---	---	13
14	---	---	0B	0.0088	3.42	1.13	0.884	0.144	0.028	0.887	---	---	14
15	---	---	0B	0.0108	3.33	0.894	0.842	0.138	0.051	0.880	---	---	15
16	---	---	0B	0.0208	3.27	0.845	0.874	0.137	0.184	0.868	---	---	16
17	---	0.0388	0B	0.0708	3.17	0.800	0.832	0.128	0.231	0.845	---	---	17
18	---	0.0338	0B	0.1008	3.01	0.872	0.783	0.114	0.284	0.830	---	---	18
19	---	0.0308	0B	0.8508	2.86	0.770	0.714	0.124	0.262	0.8478	---	---	19
20	---	0.0278	0B	1.28 B	2.74	0.708	0.683	0.126	0.283	0.804	---	---	20
21	---	0.0248	0B	1.78 B	2.80	0.866	0.808	0.118	0.244	0.894	---	---	21
22	---	0.0218	0B	2.75 B	2.45	0.773	0.689	0.116	0.223	0.814	---	---	22
23	---	0.0188	0B	3.88 B	2.32	1.17	0.484	0.113	0.218	0.824	---	---	23
24	---	0.0158	0B	4.81 B	2.22	1.73	0.448	0.116	0.205	0.813	---	---	24
25	---	0.0128	0B	5.17 B	2.07	1.88	0.388	0.116	0.212	0.814	---	---	25
26	---	0.0088	0B	7.44 B	1.78	1.85	0.501	0.101	0.224	0.885	---	---	26
27	---	0.0088	0B	7.82 B	1.88	1.38	0.481	0.088	0.240	0.838	---	---	27
28	---	0.0038	0B	7.78	1.48	1.18	0.417	0.148	0.274	0.5008	---	---	28
29	---		0B	8.14	1.37	1.18	0.380	0.158	0.280	0.4808	---	---	29
30	---		0B	8.28	1.38	1.37	0.338	0.141	0.287	0.4808	---	---	30
31	---		0B		1.40		0.317	0.128		0.4808		---	31
TOTAL	---	---	0	80.887	109.89	41.085	27.382	5.183	4.486	18.375	---	---	TOTAL
MEAN	---	---	0	2.83	3.54	1.37	0.884	0.167	0.150	0.526	---	---	MEAN
MAX	---	---	0	8.28	7.88	2.08	1.81	0.313	0.287	0.703	---	---	MAX
MIN	---	---	0	0	1.38	0.858	0.317	0.088	0.038	0.258	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 8.28 ON APR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.42 AT 16:00 MST ON APR 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 16 N
LONG 117 17 00 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 370
FEB	---	AUG	448
MAR	0	SEP	388
APR	5 280	OCT	1 410
MAY	9 480	NOV	---
JUN	3 550	DEC	---

TOTAL DISCHARGE, 22 900 dam³

MACKAY CREEK AT WALSH - STATION NO 05AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.1138	0.0738	3.25	0.117	0.017	0	0	0	0	0	---	1
2	---	0.1168	0.0728	3.26	0.102	0.014	0	0	0	0	0	---	2
3	---	0.0888	0.1208	3.24	0.087	0.014	0	0	0	0	0A	---	3
4	---	0.0828	0.2568	4.43	0.071	0.013	0	0	0	0	---	---	4
5	---	0.0808	0.881	4.87	0.068	0.008	0	0	0	0	---	---	5
6	0.1018	0 1188	1.77	3.08	0.052	0.008	0	0	0	0	---	---	6
7	---	0 2308	1.31	2.08	0.048	0.003	0	0	0	0	---	---	7
8	---	0.4478	0.804	1 87	0.083	0 002	0	0	0	0	---	---	8
9	---	0.4728	0.332	1 38	0.048	0 001	0	0	0	0	---	---	9
10	---	0.7038	0 236	1 18	0.037	0	0	0	0	0	---	---	10
11	---	0.8328	0.247	1.05	0.038	0	0	0	0	0	---	---	11
12	---	0.8738	0.371	0.988	0.035	0	0	0	0	0	---	---	12
13	---	0.8088	0 224	0 892	0.018	0	0	0	0	0	---	---	13
14	---	0.8898	0 611	0.831	0.015	0	0	0	0	0	---	---	14
15	---	0.8048	0.688	0.784	0.013	0	0	0.002	0	0	---	---	15
16	---	0.3818	0.782	0.818	0.011	0	0	0.008	0	0	---	---	16
17	---	0.4928	0.881	0 480	0.013	0	0	0.021	0	0	---	---	17
18	---	0.3638	0 588	0 441	0.014	0	0	0.017	0	0	---	---	18
19	---	0.3358	0.574	0.380	0.018	0	0	0.008	0	0	---	---	19
20	---	0.3908	0.855	0.369	0.015	0	0	0.001	0	0	---	---	20
21	---	0.3838	0 384	0.344	0.013	0	0	0	0	0	---	---	21
22	---	0.3558	0.272	0.328	0.018	0	0	0	0	0	---	---	22
23	---	0.3178	0.404	0.310	0.015	0	0	0	0	0	---	---	23
24	---	0.1788	0.378	0.304	0.012	0	0	0.005	0	0	---	---	24
25	---	0.1638	0.384	0.278	0.014	0	0	0.087	0	0	---	---	25
26	---	0 1358	0.887	0.383	0.025	0	0	0.031	0	0	---	---	26
27	---	0.0788	0.826	0.230	0.038	0	0	0.018	0	0	---	---	27
28	0.1348	0.0718	0.384	0.201	0.038	0	0	0.011	0	0	---	---	28
29	0.1288		0.204	0 178	0.031	0	0	0.005	0	0	---	---	29
30	0.1138		0.408	0.131	0.026	0	0	0.001	0	0	---	---	30
31	0.1138		1.20		0.018		0	0		0		---	31
TOTAL	---	9.288	18.783	37.517	1.088	0.078	0	0.192	0	0	---	---	TOTAL
MEAN	---	0.332	0.541	1.25	0.035	0.003	0	0.006	0	0	---	---	MEAN
MAX	---	0.703	1.77	4.87	0.117	0.017	0	0.087	0	0	---	---	MAX
MIN	---	0.071	0.072	0.131	0.011	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.238
MAXIMUM DAILY, 4.87 ON APR 5
MINIMUM DAILY, 0 ON JUN 10
MAXIMUM INSTANTANEOUS,
5.80 AT 01:10 MST ON APR 5

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 30 N
LONG 110 02 40 W
DRAINAGE AREA, 436 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	803	AUG	16.8
MAR	1 480	SEP	0
APR	3 240	OCT	0
MAY	93.8	NOV	---
JUN	8.74	DEC	---

TOTAL DISCHARGE, 5 610 dam³

MACKAY CREEK NEAR GRADBURN GAP - STATION NO. 08AH042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.1588	0.0888	0.884	0.084	0.013	0	0	0	0	0.017	---	1
2	---	0.1588	0.0848	0.988	0.082	0.007	0	0	0	0	0.018	---	2
3	---	0.1548	0.1388	1.27	0.048	0.005	0	0	0	0	0.018	---	3
4	---	0.1488	0.887	1.33	0.083	0.001	0	0	0	0	0.018A	---	4
5	---	0.1438	0.748	0.828	0.088	0	0	0	0	0	---	---	5
6	---	0.1788	0.577	0.708	0.074	0	0	0	0	0	---	---	6
7	---	0.3818	0.4238	0.523	0.080	0	0	0	0	0	---	---	7
8	---	0.3088	0.1978	0.434	0.048	0	0	0	0	0	---	---	8
9	---	0.2818	0.2858	0.338	0.037	0	0	0	0	0	---	---	9
10	---	0.2088	0.1808	0.274	0.032	0	0	0	0	0	---	---	10
11	---	0.2248	0.2318	0.280	0.027	0	0	0	0	0.001	---	---	11
12	---	0.2178	0.1898	0.246	0.017	0	0	0	0	0.003	---	---	12
13	---	0.2828	0.1048	0.230	0.018	0	0	0	0	0.003	---	---	13
14	---	0.1288	0.1818	0.187	0.018	0	0	0	0	0.004	---	---	14
15	---	0.1348	0.1598	0.182	0.008	0	0	0	0	0.007	---	---	15
16	---	0.2198	0.1388	0.153	0.008	0	0	0	0	0.014	---	---	16
17	---	0.1778	0.1118	0.139	0.008	0	0	0	0	0.023	---	---	17
18	---	0.1708	0.1078	0.137	0.007	0	0	0	0	0.024	---	---	18
19	---	0.0828	0.1278	0.132	0.008	0	0	0	0	0.024	---	---	19
20	---	0.1238	0.1198	0.124	0.007	0	0	0	0	0.018	---	---	20
21	---	0.1088	0.1418	0.184	0.008	0	0	0	0	0.012	---	---	21
22	---	0.1088	0.1428	0.095	0.007	0	0	0	0	0.011	---	---	22
23	---	0.0888	0.0788	0.084	0.004	0	0	0	0	0.011	---	---	23
24	---	0.0488	0.1598	0.108	0.001	0	0	0.080	0	0.010	---	---	24
25	---	0.0488	0.2328	0.098	0.005	0	0	0.180	0	0.013	---	---	25
26	---	0.0538	0.1808	0.082	0.031	0	0	0.058	0	0.024	---	---	26
27	0.1388	0.0548	0.1848	0.087	0.088	0	0	0.018	0	0.028	---	---	27
28	0.1548	0.0608	0.1448	0.058	0.088	0	0	0	0.008	0.024	---	---	28
29	0.1478		0.1728	0.054	0.084	0	0	0	0.010	0.018	---	---	29
30	0.1508		0.1798	0.055	0.043	0	0	0	0.005	0.018	---	---	30
31	0.1488		0.4138		0.028		0	0		0.017	---	---	31
TOTAL	---	4.372	5.688	10.240	1.030	0.025	0	0.333	0.021	0.314	---	---	TOTAL
MEAN	---	0.158	0.218	0.341	0.033	0.001	0	0.011	0.001	0.010	---	---	MEAN
MAX	---	0.381	0.748	1.33	0.088	0.012	0	0.180	0.010	0.034	---	---	MAX
MIN	---	0.048	0.088	0.084	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 1.33 ON APR 4
MINIMUM DAILY, 0 ON JUN 5
MAXIMUM INSTANTANEOUS,
1.50 AT 22:05 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 26 N
LONG 110 02 33 W
DRAINAGE AREA, 75.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	378	AUG	28.8
MAR	579	SEP	1.81
APR	885	OCT	27.1
MAY	89.0	NOV	---
JUN	2.16	DEC	---

TOTAL DISCHARGE, 1 990 dam³

MACKAY RIVER ABOVE DUNKIRK RIVER - STATION NO 07DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0208	0.0188	3.41	1.86	1.48	1.05	1.85	0.573	0.5268	---	1
2	---	---	0.0208	0.0178	3.47	2.63	1.37	1.88	1.45	0.583	0.4438	---	2
3	---	---	0.0208	0.0588	3.44	3.50	1.37	2.78	1.35	0.538	0.4808	---	3
4	---	---	0.0208	0.1448	3.40	4.08	1.45	3.21	1.28	0.518	0.3308	---	4
5	---	---	0.0208	0.2448	3.38	4.42	1.48	3.52	1.21	0.501	0.3218	---	5
6	---	---	0.0208	0.5508	3.35	4.68	1.50	3.67	1.12	0.488	0.4588	---	6
7	---	---	0.0228	1.44 B	3.28	5.01	1.50	3.88	1.04	0.485	---	---	7
8	---	---	0.0248	2.42 B	3.17	5.32	1.47	4.04	0.944	0.518	---	---	8
9	---	---	0.0288	3.76 B	3.12	5.63	1.38	5.33	0.881	0.553	---	---	9
10	---	---	0.0318	4.83 B	3.23	5.86	1.28	5.89	0.885	0.571	---	---	10
11	---	---	0.0378	5.17 B	3.13	6.03	1.10	6.30	0.812	0.580	---	---	11
12	---	---	0.0408	5.48 B	2.97	5.95	0.982	6.28	0.778	0.561	---	---	12
13	---	---	0.0408	5.78 B	2.84	5.84	0.840	6.15	0.738	0.578	---	---	13
14	---	---	0.0388	5.89 B	2.73	5.30	0.781	6.03	0.734	0.618	---	---	14
15	---	---	0.0348	6.00 B	2.40	4.93	0.880	5.81	0.708	0.627	---	---	15
16	---	---	0.0258	7.50 B	2.19	4.48	0.883	5.53	0.704	0.615	---	---	16
17	---	---	0.0208	6.24 B	2.04	4.01	0.840	5.28	0.748	0.630	---	---	17
18	---	---	0.0198	5.40 B	2.14	3.53	0.883	4.85	0.744	0.667	---	---	18
19	---	---	0.0148	5.09 B	2.68	3.01	0.839	4.74	0.748	0.677	---	---	19
20	---	---	0.0138	5.07 B	3.00	2.35	0.854	4.51	0.788	0.6418	---	---	20
21	---	---	0.0128	5.08 B	2.97	1.84	0.833	4.03	0.747	0.6728	---	---	21
22	---	---	0.0128	4.85 B	2.91	1.86	0.880	3.48	0.739	0.6858	---	---	22
23	---	---	0.0098	4.33 B	2.74	2.03	0.886	3.05	0.724	0.6258	---	---	23
24	---	---	0.0068	3.76 B	2.48	2.18	0.888	2.88	0.701	0.4858	---	---	24
25	---	---	0.0098	3.72	2.28	2.38	0.851	2.80	0.680	0.8208	---	---	25
26	---	---	0.0108	3.68	2.13	2.29	0.483	2.38	0.881	0.5238	---	---	26
27	---	---	0.0118	3.85	1.98	2.18	0.428	2.23	0.831	0.4818	---	---	27
28	---	---	0.0308	3.87	1.87	2.01	0.442	2.08	0.808	0.5348	---	---	28
29	---		0.0288	3.48	1.81	1.84	0.488	1.94	0.898	0.5248	---	---	29
30	---		0.0338	3.43	1.78	1.71	0.424	1.75	0.872	0.5388	---	---	30
31	---		0.0278		1.71		0.411	1.84		0.5428		---	31
TOTAL	---	---	0.705	112.848	84.31	108.87	27.482	119.22	25.817	17.780	---	---	TOTAL
MEAN	---	---	0.023	3.76	2.72	3.63	0.886	3.85	0.881	0.573	---	---	MEAN
MAX	---	---	0.040	8.00	3.47	6.03	1.50	6.30	1.55	0.677	---	---	MAX
MIN	---	---	0.008	0.018	1.71	1.71	0.411	1.05	0.672	0.481	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.03
MAXIMUM DAILY, 8.00B ON APR 15
MINIMUM DAILY, 0.0088 ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 45 35 N
LONG 112 38 50 W
DRAINAGE AREA, 1 010 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 370
FEB	---	AUG	10 300
MAR	60.8	SEP	2 230
APR	9 780	OCT	1 630
MAY	7 280	NOV	---
JUN	8 410	DEC	---

TOTAL DISCHARGE, 42 900 dam³

MACKAY RIVER NEAR FORT MACKAY - STATION NO. 07DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8868	0.8808	0.8168	2.188	41.38	28.0	20.8	7.82	14.8	8.88	4.168	---	1
2	0.8818	0.8778	0.8158	2.218	38.7A	48.8	18.8	12.0	14.3	8.84	3.818	---	2
3	0.8878	0.8768	0.8148	2.148	41.1	48.8	18.8	18.3	13.4	8.43	3.688	---	3
4	0.8838	0.8738	0.8128	2.128	48.1	88.2	18.1	24.7	12.8	8.38	3.038	---	4
5	0.8808	0.8708	0.8118	2.838	38.1	88.8	18.7	27.8	13.2	8.31	2.318	---	5
6	0.8788	0.8888	0.8118	3.738	37.0	88.8	18.8	38.1	11.8	8.88	2.108	---	6
7	0.8738	0.8838	0.8088	3.838	36.1	84.1	18.8	38.8	10.8	8.44	---	---	7
8	0.8888	0.8808	0.8068	3.328	32.8	88.4	18.3	38.8	10.4	8.77	---	---	8
9	0.8648	0.8888	0.8008	8.838	31.7	88.2	17.8	33.8	8.87	8.84	---	---	9
10	0.8608	0.8848	0.4788	7.838	32.7	87.8	17.0	38.1	8.72	8.82	---	---	10
11	0.8588	0.8508	0.4808	7.788	33.7	88.8	18.0	48.2	8.88	7.28	---	---	11
12	0.8538	0.8488	0.4408	13.8 B	33.3	83.8	14.8	48.0	8.38	7.32	---	---	12
13	0.8488	0.8438	0.4788	18.8 B	32.0	88.8	13.3	48.2	8.88	7.18	---	---	13
14	0.8458	0.8408	0.5008	71.1 B	30.8	88.8	12.1	48.8	8.88	7.28	---	---	14
15	0.8418	0.8388	0.8288	78.4 B	28.0	81.2	11.3	48.3	8.47	7.21	---	---	15
16	0.8358	0.8388	0.8408	88.4 B	27.8	47.0	10.8	43.4	8.80	7.33	---	---	16
17	0.8308	0.8338	0.7048	90.4 B	28.4	43.7	10.2	41.8	8.48	7.81	---	---	17
18	0.8258	0.8308	0.7438	78.8 B	25.3	40.8	9.78	38.9	8.44	7.82	---	---	18
19	0.8208	0.8288	0.7378	88.0 B	33.1	38.1	9.31	38.8	8.47	7.73	---	---	19
20	0.8158	0.8258	0.7828	82.2 B	38.8	31.8	8.87	34.2	8.44	7.84	---	---	20
21	0.8138	0.8238	0.8348	81.8 B	38.8	27.8	8.82	32.1	8.28	8.08	---	---	21
22	0.8108	0.8208	0.8228	81.4 B	38.8	28.3	8.48	28.8	8.08	7.588	---	---	22
23	0.8088	0.8208	0.8228	88.4 B	24.2	24.3	8.08	25.3	7.84	7.488	---	---	23
24	0.8038	0.8208	0.8468	82.3 B	31.8	24.7	7.84	23.8	7.81	8.588	---	---	24
25	0.8008	0.8208	1.18 B	48.8 E	28.8	28.2	7.38	21.6	7.75	8.848	---	---	25
26	0.8878	0.8208	1.40 B	44.8 E	28.4	28.3	8.88	20.8	7.73	8.588	---	---	26
27	0.8858	0.8188	1.82 B	44.4 E	24.8	24.8	8.81	18.8	7.37	8.178	---	---	27
28	0.8838	0.8178	1.83 B	44.0 E	23.4	23.8	8.48	18.7	7.14	8.888	---	---	28
29	0.8808		1.81 B	43.0 E	22.4	22.8	8.43	17.7	7.08	4.728	---	---	29
30	0.8878		1.88 B	41.8 E	22.7	21.4	8.13	16.8	8.81	4.888	---	---	30
31	0.8858		2.12 B		23.0		8.87	15.8		4.888	---	---	31
TOTAL	18.723	18.201	26.378	1 111.08	980.8	1 294.8	383.70	818.82	283.88	207.81	---	---	TOTAL
MEAN	0.838	0.843	0.851	37.0	32.0	43.2	12.4	28.7	9.45	6.70	---	---	MEAN
MAX	0.888	0.880	2.12	88.4	41.3	88.4	20.8	48.2	14.8	8.05	---	---	MAX
MIN	0.888	0.817	0.440	2.12	22.4	21.4	8.87	7.82	8.81	4.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 88.48 ON APR 18

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 12 38 N
LONG 111 41 38 W
DRAINAGE AREA, 8 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 700	JUL	33 200
FEB	1 310	AUG	78 400
MAR	2 280	SEP	24 500
APR	98 000	OCT	18 000
MAY	85 800	NOV	---
JUN	112 000	DEC	---

MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE - STATION NO 05AE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0								
2	---	---	---	0	0	0.882	1.78	0.881	0.158	0.878	0	---	1
3	---	---	---	0	0	1.17	1.88	0.882	0.157	0.704	0A	---	2
4	---	---	---	0	0	1.18	1.84	0.882	0.150	0.801	---	---	3
5	---	---	---	0	0	1.24	1.88	0.783	0.130	0.848	---	---	4
						1.37	1.88	0.818	0.130	0.484	---	---	5
6	---	---	---										
7	---	---	---	0	0								
8	---	---	---	0	0.823	1.82	1.73	0.870	0.128	0.338	---	---	6
9	---	---	---	0	0.714	1.87	1.74	0.821	0.130	0.230	---	---	7
10	---	---	---	0	0.771	1.78	1.80	0.440	0.181	0.228	---	---	8
				0	0.771	1.73	2.04	0.438	0.188	0.078	---	---	9
11	---	---	---			1.88	1.88	0.874	0.184	0	---	---	10
12	---	---	---	0	0.772	2.17	1.73	0.807	0.288	0	---	---	11
13	---	---	---	0	0.772	2.12	1.88	0.808	0.307	0	---	---	12
14	---	---	---	0	0.788	1.87	1.83	0.800	0.308	0	---	---	13
15	---	---	---	0	0.804	1.84	1.81	0.872	0.308	0	---	---	14
				0	1.20	1.87	1.80	0.284	0.271	0	---	---	15
16	---	---	---										
17	---	---	---	0	1.28	2.08	1.74	0	0.305	0	---	---	16
18	---	---	---	0	1.18	1.88	1.62	0	0.358	0	---	---	17
19	---	---	---	0	1.14	1.84	1.38	0	0.408	0	---	---	18
20	---	---	---	0	1.16	1.81	0.388	0	0.428	0	---	---	19
				0	1.12	1.83	0	0	0.431	0	---	---	20
21	---	---	---										
22	---	---	---	0	1.03	1.87	0	0	0.431	0	---	---	21
23	---	---	---	0	0.984	1.82	0	0	0.442	0	---	---	22
24	---	---	---	0	0.871	1.32	0	0	0.490	0	---	---	23
25	---	---	---	0	0.884	1.46	0	0	0.528	0	---	---	24
				0	0.536	1.78	0	0	0.881	0	---	---	25
26	---	---	0A	0	0.888	2.00	0	0	0.787	0	---	---	26
27	---	---	0	0	0.818	1.88	0	0	0.788	0	---	---	27
28	---	---	0	0	0.832	1.87	0.181	0.088	0.744	0	---	---	28
29	---		0	0	0.881	1.81	0.878	0.182	0.888	0	---	---	29
30	---		0		1.00	1.88	0.817	0.158	0.883	0	---	---	30
31	---		0		0.883		0.888	0.188		0	---	---	31
TOTAL	---	---	---	0	21.848	51.882	32.874	8.848	11.827	3.888	---	---	TOTAL
MEAN	---	---	---	0	0.888	1.73	1.08	0.288	0.388	0.128	---	---	MEAN
MAX	---	---	---	0	1.28	2.17	2.04	0.703	0.788	0.704	---	---	MAX
MIN	---	---	---	0	0	0.882	0	0	0.138	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.808
MAXIMUM DAILY, 2.17 ON JUN 11
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 55 N
LONG 113 03 15 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 880
FEB	---	AUG	773
MAR	---	SEP	883
APR	0	OCT	338
MAY	1 870	NOV	---
JUN	4 480	DEC	---

TOTAL DISCHARGE, 11 300 dam³

MALIGNE RIVER NEAR JASPER - STATION NO. 07AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.06	3.58	1.87	2.25	5.47	36.1	41.3	33.5	31.8E	13.8	5.38	3.83	1
2	3.21	3.66	2.06	2.46	5.86	36.0	41.3	41.4	31.5E	13.7	5.16	3.82	2
3	3.26	2.43	2.19	2.63	6.07	33.8	41.3	44.5	28.8E	13.4	5.03	3.84	3
4	3.19	2.43	2.15	2.84	5.85	34.1	41.4	46.0	28.5E	13.7	5.05	3.86	4
5	3.13	2.43	2.30	2.83	5.70	38.5	41.5	47.3	28.0E	13.7	5.05	3.48	5
6	2.79	2.42	2.48	2.84	5.85	31.3	41.5	45.6	24.8E	13.3	5.86	3.73	6
7	2.67	2.41	2.48	2.89	6.63	32.7	41.3	44.5	23.8E	13.7	5.73	3.85	7
8	2.68	2.38	2.30	2.88	12.3	35.6	41.1	44.4	23.0E	13.2	5.58	3.66	8
9	2.81	2.36	2.30	2.64	14.6	36.0	41.1	43.7	22.2E	11.7	5.44	3.41	9
10	2.76	2.34	2.32	2.66	16.2	36.7	41.5	43.8	21.5E	11.2	5.23	3.46	10
11	3.02	2.33	2.25	2.67	15.8	38.8	40.7	43.2	20.5E	11.0	5.36	3.48	11
12	3.17	2.31	2.32	2.36	17.3	40.5	38.8	42.7	19.6E	10.5	5.36	3.35	12
13	3.19	2.38	2.24	2.32	16.2	41.5	38.5	42.7	19.6E	10.0	5.29	3.06	13
14	3.07	2.34	2.23	2.36A	16.8	41.7	38.4	42.6	19.7E	9.71	5.23	2.88	14
15	2.78	2.18	2.22	2.46	19.1	42.1	38.1	42.3	19.0E	9.43	5.17	3.07	15
16	2.71	2.19	2.18	2.38	18.3	42.2	33.8	41.5	17.8E	8.89	4.74	2.87	16
17	2.84	2.14	2.26	2.38	18.3	42.4	33.0	41.5	16.9E	8.46	4.05	2.81	17
18	2.90	2.03	2.27	2.37	18.2	42.1	31.6	41.5	16.0E	8.03	4.54	2.83	18
19	2.92	2.15	2.23	2.32	19.3	42.2	30.2	41.5	15.4E	7.83	4.81	2.87	19
20	2.87	2.14	2.24	2.27	19.4	42.1	28.0	42.6	14.4E	7.78	4.82	2.88	20
21	2.78	2.01	2.23	2.34	19.4	42.4	27.5	42.8	15.0E	7.59	4.83	2.85	21
22	2.85	2.04	2.20	2.34	18.8	42.3	28.0	41.8	15.5E	7.30	4.87	2.86	22
23	2.59	1.87	2.21	2.34	18.3	41.8	28.2	41.7	15.6A	8.87	4.82	2.87	23
24	2.63	2.01	2.28	2.28	18.0	41.4	24.4	41.5	15.6	8.83	4.71	2.88	24
25	2.84	1.85	2.22	2.27	17.7	41.4	24.1	40.7	15.2	8.78	4.28	2.88	25
26	2.83	2.06	2.14	2.27	16.0	41.2	24.3	38.3	15.5	8.60	3.70	2.88	26
27	2.84	2.02	2.02	2.31	16.3	41.4	24.7	38.6A	15.8	8.44	4.24	2.86	27
28	2.84		2.21	2.81	20.6	41.4	25.0	34.6A	15.4	8.41	4.13	2.87	28
29	2.84		2.34	3.63	22.2	41.3	25.1	33.0E	14.7	8.83	3.76	2.87	29
30	2.83		2.27	4.16	22.7	41.3	25.4	32.2E	14.3	8.88	3.89	2.83	30
31	2.83		2.24		23.8		25.5	31.8E		8.44		2.86	31
TOTAL	87.70	63.26	69.02	78.05	488.65	1 133.7	1 039.7	1 273.9	594.1	295.78	151.13	98.79	TOTAL
MEAN	2.83	2.22	2.23	2.84	16.0	37.8	33.5	41.1	19.8	8.54	5.04	3.22	MEAN
MAX	3.26	2.58	2.48	4.16	23.8	42.4	41.5	47.3	31.8	13.8	5.38	3.84	MAX
MIN	2.51	1.80	1.87	2.25	5.47	33.8	24.1	31.8	14.3	8.41	3.70	2.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 47.3 ON AUG 5
MINIMUM DAILY, 1.80 ON FEB 26
MAXIMUM INSTANTANEOUS,
47.7 AT 02:15 MST ON AUG 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 51 N
LONG 118 01 34 W
DRAINAGE AREA, 908 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 580	JUL	89 800
FEB	5 380	AUG	110 000
MAR	5 960	SEP	51 300
APR	8 570	OCT	25 600
MAY	42 200	NOV	13 100
JUN	98 000	DEC	8 520

TOTAL DISCHARGE, 486 000 dam³

MAMAWI LAKE CHANNEL AT OLD DOG CAMP - STATION NO. 07KF003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.365	208.382	208.374	208.325	208.243	208.151	208.180	208.287	208.087	208.840	208.447	208.584	1
2	208.510	208.386	208.378	208.332	208.131	208.174	208.241	208.181	208.058	208.787	208.286	208.612	2
3	208.530	208.382	208.373	208.325	208.087	208.187	208.241	208.022	208.047	208.734	208.285	208.618	3
4	208.531	208.378	208.368	208.360	208.011	208.145	208.214	208.008	208.084	208.753	208.087	208.582	4
5	208.488	208.367	208.368	208.336	208.000	208.184	208.211	208.008	208.085	208.782	208.188	208.552	5
6	208.481	208.365	208.365	208.352	208.008	208.202	208.210	208.081	208.834	208.813	208.325	208.588	6
7	208.440	208.373	208.338	208.350	208.080	208.188	208.204	208.247	208.048	208.871	208.291	208.553	7
8	208.409	208.358	208.348	208.370	208.084	208.191	208.187	208.384	208.080	208.841	208.284	208.498	8
9	208.414	208.347	208.341	208.407	208.087	208.214	208.188	208.367	208.051	208.851	208.347	208.529	9
10	208.378	208.355	208.304	208.487	208.087	208.218	208.178	208.384	208.042	208.898	208.348	208.540	10
11	208.388	208.308	208.314	208.481	208.082	208.221	208.188	208.380	208.017	208.738	208.328	208.520	11
12	208.372	208.328	208.304	208.518	208.188	208.234	208.178	208.375	208.083	208.883	208.328	208.513	12
13	208.316	208.344	208.294	208.501	208.184	208.230	208.182	208.387	208.073	208.885	208.418	208.517	13
14	208.380	208.345	208.280	208.557	208.181	208.211	208.128	208.330	208.080	208.898	208.418	208.521	14
15	208.387	208.368	208.248	208.711	208.143	208.208	208.071	208.272	208.084	208.888	208.178	208.514	15
16	208.318	208.378	208.248	208.772	208.148	208.271	208.188	208.248	208.801	208.888	208.237	208.482	16
17	208.343	208.401	208.258	208.818	208.181	208.188	208.181	208.230	208.848	208.885	208.288	208.478	17
18	208.388	208.384	208.263	208.883	208.183	208.230	208.111	208.181	208.812	208.812	208.281	208.481	18
19	208.338	208.380	208.238	208.882	208.188	208.238	208.103	208.187	208.840	208.851	208.303	208.424	19
20	208.374	208.378	208.270	208.873	208.138	208.301	208.121	208.190	208.888	208.938	208.318	208.441	20
21	208.386	208.383	208.288	208.188	208.082	208.330	208.084	208.188	208.818	208.880	208.190	208.444	21
22	208.381	208.348	208.283	208.222	208.111	208.288	208.038	208.140	208.807	208.824	208.280	208.438	22
23	208.387	208.343	208.304	208.287	208.188	208.237	208.087	208.127	208.898	208.478	208.308	208.391	23
24	208.387	208.324	208.318	208.337	208.181	208.234	208.083	208.131	208.881	208.858	208.330	208.358	24
25	208.372	208.328	208.348	208.478	208.140	208.247	208.088	208.108	208.908	208.388	208.311	208.334	25
26	208.337	208.382	208.338	208.733	208.188	208.217	208.033	208.144	208.877	208.473	208.280	208.312	26
27	208.348	208.388	208.308	208.824	208.203	208.234	208.018	208.128	208.834	208.557	208.287	208.304	27
28	208.378	208.381	208.323	208.688	208.188	208.281	208.040	208.132	208.771	208.588	208.282	208.303	28
29	208.388		208.348	208.583	208.178	208.258	208.048	208.110	208.858	208.588	208.470	208.308	29
30	208.378		208.344	208.388	208.188	208.233	208.041	208.048	208.783	208.554	208.541	208.343	30
31	208.378		208.327		208.212		208.043	208.088		208.811		208.408	31
MEAN	208.386	208.381	208.318	208.580	208.134	208.225	208.128	208.182	208.852	208.855	208.318	208.488	MEAN
MAX	208.540	208.401	208.378	208.824	208.243	208.330	208.241	208.278	208.087	208.971	208.541	208.618	MAX
MIN	208.318	208.308	208.238	208.325	208.000	208.145	208.018	208.008	208.771	208.388	208.087	208.303	MIN

WATER LEVELS IN METRES

MEAN, 208.782
MAXIMUM DAILY, 208.824 ON APR 27
MINIMUM DAILY, 208.087 ON NOV 4
MAXIMUM INSTANTANEOUS,
208.880 AT 11:20 MST ON APR 27

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 36 00 N
LONG 111 20 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1987

MANATOKAN CREEK NEAR IRON RIVER - STATION NO. 05AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0 B	0.051	0.008	0.001	0.001	0.001	0.001	0	---	1
2	---	---	0.0	0 B	0.051	0.008	0.001	0.001	0.001	0.001	0	---	2
3	---	---	0.0	0 B	0.051	0.001	0.001	0.001	0.001	0.001	0A	---	3
4	---	---	0.0	0 B	0.050	0.001	0.001	0.001	0.001	0.001	---	---	4
5	---	---	0.0	0 B	0.050	0.001	0.001	0.001	0.001	0.001	---	---	5
6	---	---	0.0	0.0018	0.049	0.001	0.001	0.001	0.001	0.001	---	---	6
7	---	---	0.0	0.0018	0.047	0.001	0.001	0.001	0.001	0.001	---	---	7
8	---	---	0.0	0.0018	0.048	0.001	0.001	0.001	0.001	0.001	---	---	8
9	---	---	0.0	0.0028	0.043	0.001	0.001	0.001	0.001	0.001	---	---	9
10	---	---	0.0	0.0018	0.041	0.001	0.001	0.001	0.001	0.001	---	---	10
11	---	---	0.0	0.0018	0.038	0.001	0.001	0.001	0.001	0.001	---	---	11
12	---	---	0.0	0.0038	0.037	0.001	0.001	0.001	0.001	0.001	---	---	12
13	---	---	0.0	0.0038	0.035	0.001	0.001	0.001	0.001	0.001	---	---	13
14	---	---	0.0	0.0038	0.032	0.001	0.001	0.001	0.001	0.001	---	---	14
15	---	---	0.0	0.0038	0.032	0.001	0.001	0.001	0.001	0.001	---	---	15
16	---	---	0.0	0.0088	0.030	0.001	0.001	0.001	0.001	0	---	---	16
17	---	---	0.0	0.0138	0.027	0.001	0.001	0.001	0.001	0	---	---	17
18	---	---	0.0	0.0218	0.026	0.001	0.001	0.001	0.001	0	---	---	18
19	---	---	0.0	0.0288	0.026	0.001	0.001	0.001	0.001	0	---	---	19
20	---	---	0.0	0.036	0.024	0.001	0.001	0.001	0.001	0	---	---	20
21	---	---	0.0	0.044	0.022	0.001	0.001	0.001	0.001	0	---	---	21
22	---	---	0.0	0.051	0.021	0.001	0.001	0.001	0.001	0	---	---	22
23	---	---	0.0	0.053	0.019	0.001	0.001	0.001	0.001	0	---	---	23
24	---	---	0.0	0.053	0.017	0.001	0.001	0.001	0.001	0	---	---	24
25	---	---	0.0	0.054	0.016	0.001	0.001	0.001	0.001	0	---	---	25
26	---	---	0.0	0.053	0.014	0.001	0.001	0.001	0.001	0	---	---	26
27	---	---	0.0	0.053	0.013	0.001	0.001	0.001	0.001	0	---	---	27
28	---	---	0.0	0.053	0.011	0.001	0.001	0.001	0.001	0	---	---	28
29	---		0.0	0.052	0.010	0.001	0.001	0.001	0.001	0	---	---	29
30	---		0.0	0.052	0.008	0.001	0.001	0.001	0.001	0	---	---	30
31	---		0.0		0.008		0.001	0.001		0		---	31
TOTAL	---	---	0	0.841	0.966	0.038	0.031	0.031	0.030	0.015	---	---	TOTAL
MEAN	---	---	0	0.021	0.031	0.001	0.001	0.001	0.001	0	---	---	MEAN
MAX	---	---	0	0.054	0.051	0.008	0.001	0.001	0.001	0.001	---	---	MAX
MIN	---	---	0	0	0.008	0.001	0.001	0.001	0.001	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.054 ON APR 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.059 AT 15:14 MST ON APR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 55 N
LONG 110 56 10 W
DRAINAGE AREA, 442 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.66
FEB	---	AUG	2.66
MAR	0	SEP	2.59
APR	55.4	OCT	1.30
MAY	81.7	NOV	---
JUN	3.37	DEC	---

TOTAL DISCHARGE, 150 dam³

MANYBERRIES CREEK AT BRODIN'S FARM - STATION NO. 05AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0058	0.0418	1.95	0.023	0	0	0	0	0	0	---	1
2	---	0.0408	0.0288	1.19	0.020	0	0	0	0	0	0	---	2
3	---	0.0058	0.0708	0.781	0.018	0	0	0	0	0	0	---	3
4	---	0.0058	4.98 B	0.673	0.011	0	0	0	0	0	0A	---	4
5	---	0.0108	15.2 B	0.558	0.009	0	0	0	0	0	---	---	5
6	---	0.0208	11.8	0.487	0.008	0	0	0	0	0	---	---	6
7	---	0.0408	10.4	0.405	0.015	0	0	0	0	0	---	---	7
8	---	0.0708	3.78	0.320	0.020	0	0	0	0	0	---	---	8
9	---	0.1508	1.23 B	0.244	0.015	0	0	0	0	0	---	---	9
10	---	0.1308	0.8248	0.184	0.014	0	0	0	0	0	---	---	10
11	---	0.4508	0.5188	0.130	0.012	0	0	0	0	0	---	---	11
12	---	1.53 B	0.4308	0.118	0.010	0	0	0	0	0	---	---	12
13	---	1.48 B	0.4418	0.098	0.010	0	0	0	0	0	---	---	13
14	---	0.8548	1.02 B	0.087	0.007	0	0	0	0	0	---	---	14
15	---	1.08 B	3.22 B	0.070	0.008	0	0	0	0	0	---	---	15
16	---	1.08 B	1.83 B	0.077	0.003	0	0	0	0	0	---	---	16
17	---	0.8548	0.8488	0.173	0.001	0	0	0	0	0	---	---	17
18	---	0.8518	0.7088	0.208	0.001	0	0	0	0	0	---	---	18
19	---	0.8978	0.6828	0.198	0.001	0	0	0	0	0	---	---	19
20	---	1.15 B	0.8268	0.148	0.001	0	0	0	0	0	---	---	20
21	---	0.8188	0.6348	0.152	0	0	0	0	0	0	---	---	21
22	---	0.8948	0.8218	0.130	0	0	0	0	0	0	---	---	22
23	---	0.4588	0.4198	0.128	0	0	0	0	0	0	---	---	23
24	---	0.2588	0.2808	0.122	0	0	0	0	0	0	---	---	24
25	---	0.1908	0.3378	0.102	0.002	0	0	0	0	0	---	---	25
26	---	0.1258	1.28 B	0.087	0.005	0	0	0.497	0	0	---	---	26
27	0B	0.0728	1.74 B	0.072	0.011	0	0	0.048	0	0	---	---	27
28	0B	0.0538	1.15 B	0.058	0.007	0	0	0	0	0	---	---	28
29	0B		0.8758	0.043	0.003	0	0	0	0	0	---	---	29
30	0B		0.3838	0.031	0.002	0	0	0.001	0	0	---	---	30
31	0B		1.12		0.001		0	0		0		---	31
TOTAL	---	12.908	67.074	5.038	0.232	0	0	0.546	0	0	---	---	TOTAL
MEAN	---	0.461	2.16	0.301	0.007	0	0	0.018	0	0	---	---	MEAN
MAX	---	1.53	15.2	1.95	0.023	0	0	0.497	0	0	---	---	MAX
MIN	---	0.058	0.038	0.031	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.328
MAXIMUM DAILY, 15.28 ON MAR 5
MINIMUM DAILY, 0 ON MAY 21
MAXIMUM INSTANTANEOUS,
19.8 AT 13:31 MST ON MAR 5

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 30 N
LONG 110 43 30 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1 120	AUG	47.0
MAR	5 800	SEP	0
APR	781	OCT	0
MAY	20.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 7 770 dam³

MARIE LAKE NEAR COLD LAKE - STATION NO. 06AC005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	573.563E	573.597	573.684	573.785	573.772	573.712	573.662	573.589	573.480	---	1
2	---	---	573.563E	573.596	573.692	573.788	573 771	573.708	573.663	573.595	573.488	---	2
3	---	---	573.563E	573.596	573.688	573.772	573.763	573.695	573.656	573.593	573.485	---	3
4	---	---	573.563A	573.599	573.702	573.773	573.751	573.686	573.645	573.590	573.481A	---	4
5	---	---	573.562	573.599	573.704	573.771	573.755	573.688	573.648	573.585	---	---	5
6	---	---	573.563	573.603	573.705	573.774	573.748	573.685	573.648	573.576	---	---	6
7	---	---	573.563	573.609	573.707	573.777	573.758	573.680	573.638	573.572	---	---	7
8	---	---	573.562	573.615	573.705	573.778	573.758	573.673	573.636	573.575	---	---	8
9	---	---	573.564	573.636	573.711	573.780	573.748	573.668	573.644	573.565	---	---	9
10	---	---	573.565	573.637	573.711	573.783	573.750	573.678	573.648	573.554	---	---	10
11	---	---	573.565	573.642	573.713	573.784	573.751	573.692	573.648	573.553	---	---	11
12	---	---	573.567	573.648	573.714	573.787	573.740	573.687	573.644	573.553	---	---	12
13	---	---	573.570	573.652	573.717	573.783	573.736	573.681	573.642	573.548	---	---	13
14	---	---	573.572	573.656	573.718	573.781	573.738	573.678	573.637	573.540	---	---	14
15	---	---	573.577	573.657	573.718	573.777	573.745	573.678	573.634	573.537	---	---	15
16	---	---	573.577	573.658	573.718	573.776	573.735	573.678	573.631	573.535	---	---	16
17	---	---	573.577	573.662	573.720	573.776	573.734	573.678	573.628	573.528	---	---	17
18	---	---	573.580	573.661	573.721	573.778	573.727	573.672	573.626	373.523	---	---	18
19	---	---	573.585	573.665	573.735	573.777	573.725	573.666	573.626	573.517	---	---	19
20	---	---	573.591	573.669	573.728	573.777	573.724	573.658	573.625	573.516	---	---	20
21	---	---	573.592	573.671	573.732	573.777	573.723	573.668	573.625	573.512	---	---	21
22	---	---	573.592	573.671	573.732	573.775	573.718	573.664	573.623	573.508	---	---	22
23	---	---	573.581	573.673	573.735	573.788	573.720	573.665	573.624	573.506	---	---	23
24	---	---	573.583	573.676	573.736	573.780	573.721	573.664	573.615	573.505	---	---	24
25	---	---	573.584	573.678	573.739	573.784	573.718	573.667	573.617	573.502	---	---	25
26	---	---	573.585	573.678	573.741	573.785	573.715	573.667	573.615	573.498	---	---	26
27	---	---	573.592	573.678	573.740	573.784	573.712	573.667	573.612	573.498	---	---	27
28	---	---	573.593	573.682	573.763	573.781	573.727	573.670	573.606	573.495	---	---	28
29	---		573.594	573.683	573.763	573.763	573.723	573.667	573.604	573.493	---	---	29
30	---		573.596	573.685	573.768	573.788	573.722	573.664	573.601	573.487	---	---	30
31	---		573.597		573.767		573.720	573.664		573.485		---	31
MEAN	---	---	573.576	573.648	573.724	573.774	573.737	573.677	573.632	573.537	---	---	MEAN
MAX	---	---	573.596	573.685	573.767	573.788	573.772	573.712	573.663	573.589	---	---	MAX
MIN	---	---	573.562	573.596	573.688	573.780	573.712	573.664	573.601	573.485	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 573.788 ON JUN 11

MAXIMUM INSTANTANEOUS,
573.792 AT 12:46 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 35 35 N
LONG 110 18 15 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
476 km²

MARMOT CREEK MAIN STEM NEAR SEEBE - STATION NO. 05BF018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.030	0.023	0.019	0.019	0.290	0.223	0.124	0.132	0.116	0.086	0.038	---	1
2	0.029	0.022	0.019	0.020	0.271	0.204	0.118	0.123	0.122	0.084	0.037A	---	2
3	0.028	0.022	0.019	0.024	0.238	0.182	0.126	0.118	0.130	0.083	---	---	3
4	0.026	0.022	0.020	0.031	0.225	0.184	0.124	0.118	0.118	0.083	---	---	4
5	0.026	0.022	0.023	0.033	0.238	0.214	0.127	0.121	0.113	0.081	---	---	5
6	0.027	0.021	0.023	0.036	0.270	0.245	0.120	0.114	0.113	0.080	---	---	6
7	0.026	0.021	0.022	0.033	0.318	0.263	0.118	0.108	0.110	0.089	---	---	7
8	0.025	0.021	0.021	0.031	0.361	0.245	0.117	0.107	0.108	0.087	---	---	8
9	0.025	0.021	0.021	0.029	0.430	0.236	0.122	0.108	0.106	0.082	---	---	9
10	0.026	0.021	0.020	0.029	0.425	0.233	0.126	0.148	0.101	0.081	---	---	10
11	0.025	0.020	0.020	0.030	0.406	0.222	0.118	0.158	0.097	0.085	---	---	11
12	0.025	0.021	0.020	0.029	0.425	0.209	0.112	0.153	0.088	0.085	---	---	12
13	0.024	0.021	0.019	0.029	0.408	0.200	0.106	0.179	0.083	0.082	---	---	13
14	0.025	0.021	0.018	0.033	0.385	0.192	0.108	0.220	0.081	0.082	---	---	14
15	0.025	0.021	0.020	0.034	0.372	0.184	0.103	0.251	0.082	0.080	---	---	15
16	0.025	0.021	0.020	0.035	0.356	0.282	0.104	0.262	0.088	0.049	---	---	16
17	0.025	0.021	0.021	0.034	0.338	0.344	0.105	0.268	0.086	0.047	---	---	17
18	0.025	0.021	0.021	0.032	0.317	0.338	0.125	0.272	0.083	0.042	---	---	18
19	0.024	0.021	0.020	0.032	0.288	0.311	0.158	0.258	0.080	0.043	---	---	19
20	0.024	0.021	0.020	0.032	0.262	0.283	0.158	0.248	0.078	0.043	---	---	20
21	0.024	0.021	0.020	0.034	0.244	0.258	0.185	0.227	0.073	0.044	---	---	21
22	0.024	0.021	0.019	0.034	0.226	0.233	0.215	0.210	0.070	0.043	---	---	22
23	0.024	0.020	0.019	0.034	0.213	0.211	0.227	0.192	0.068	0.042	---	---	23
24	0.023	0.020	0.018	0.035	0.201	0.188	0.230	0.184	0.065	0.042	---	---	24
25	0.023	0.020	0.019	0.038	0.195	0.175	0.231	0.177	0.064	0.041	---	---	25
26	0.023	0.019	0.019	0.042	0.193	0.182	0.188	0.187	0.068	0.040	---	---	26
27	0.023	0.019	0.019	0.061	0.187	0.158	0.180	0.182	0.078	0.039	---	---	27
28	0.023	0.018	0.018	0.124	0.210	0.148	0.188	0.162	0.072	0.038	---	---	28
29	0.022		0.019	0.180	0.235	0.138	0.183	0.138	0.068	0.040	---	---	29
30	0.022		0.018	0.180	0.232	0.133	0.142	0.130	0.066	0.039	---	---	30
31	0.023		0.019		0.232		0.143	0.121		0.038		---	31
TOTAL	0.773	0.584	0.617	1.387	9.001	6.629	4.800	5.305	2.728	1.531	---	---	TOTAL
MEAN	0.025	0.021	0.020	0.046	0.290	0.221	0.145	0.171	0.091	0.049	---	---	MEAN
MAX	0.030	0.023	0.023	0.180	0.430	0.344	0.230	0.272	0.130	0.086	---	---	MAX
MIN	0.022	0.018	0.018	0.019	0.193	0.133	0.103	0.107	0.064	0.038	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1987

MAXIMUM INSTANTANEOUS,
0.459 AT 15:21 MST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 01 N
LONG 115 09 04 W
DRAINAGE AREA, 8.40 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	68.8	JUL	368
FEB	50.5	AUG	458
MAR	53.3	SEP	236
APR	117	OCT	132
MAY	776	NOV	---
JUN	573	DEC	---

MARTINEAU RIVER ABOVE COLD LAKE - STATION NO. 06AF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.088	7.808	7.718	8.088	35.2	19.1	12.7	7.47	7.23	4.71	3.05	2.888	1
2	7.888	7.788	7.718	8.408	24.7	20.2	12.8	7.05	7.02	5.39	1.84	2.758	2
3	8.088	7.788	7.718	8.828	24.9	18.8	11.2	7.48	7.28	4.38	2.12	2.708	3
4	8.108	7.788	7.718	9.048	25.1	16.2	11.6	7.78	8.07	4.24	3.498	2.658	4
5	8.128	7.768	7.718	9.088	24.7	17.8	11.8	8.48	8.07	4.84	4.238	2.638	5
6	8.038	7.768	7.718	8.898	23.8	17.0	11.0	8.80	7.28	4.28	3.828	2.608	6
7	8.018	7.778	7.718	12.7 B	22.9	17.3	11.1	8.24	8.03	4.24	3.428	2.858	7
8	7.988	7.778	7.718	15.2 B	22.3	17.1	10.4	8.80	8.14	3.13	3.158	2.808	8
9	7.978	7.788	7.718	18.4 B	22.8	16.4	10.8	8.18	7.78	4.80	3.408	2.488	9
10	7.988	7.788	7.718	22.8 B	22.7	15.9	12.3	7.07	7.78	3.73	3.488	2.488	10
11	7.948	7.768	7.718	18.5 B	22.4	16.1	11.9	7.86	7.78	2.83	3.428	2.438	11
12	7.928	7.788	7.718	20.2 B	21.8	16.9	11.2	8.71	7.61	3.89	3.488	2.388	12
13	7.908	7.788	7.718	22.2 B	22.0	16.1	10.6	8.38	7.27	3.61	3.308	2.448	13
14	7.898	7.788	7.718	24.6 B	21.5	16.3	10.5	8.25	7.29	3.84	3.188	2.488	14
15	7.888	7.748	7.718	28.6 B	20.8	16.0	10.4	7.80	7.82	3.13	3.288	2.488	15
16	7.888	7.748	7.718	30.7	21.2	15.3	10.2	7.02	8.74	2.87	3.488	2.488	16
17	7.888	7.748	7.718	30.0	18.3	16.3	10.2	8.92	8.48	2.60	3.888	2.488	17
18	7.878	7.738	7.718	28.4	18.4	14.8	9.96	7.42	8.80	2.84	3.528	2.408	18
19	7.878	7.738	7.718	27.2	20.0	13.8	9.48	7.28	8.24	2.93	3.498	2.308	19
20	7.868	7.738	7.718	28.8	24.1	13.7	8.84	8.81	8.32	3.18	3.428	2.278	20
21	7.858	7.738	7.718	28.5	20.1	12.7	10.1	8.78	8.14	2.34	3.388	2.288	21
22	7.858	7.728	7.718	28.5	20.2	12.7	10.0	7.68	8.10	1.84	3.288	2.288	22
23	7.848	7.728	7.718	28.3	20.8	12.8	9.86	7.3-	8.93	2.43	3.188	2.288	23
24	7.848	7.728	7.718	28.0	20.8	11.8	9.34	7.04	8.01	2.808	3.088	2.288	24
25	7.838	7.728	7.718	28.1	18.7	12.9	8.83	7.86	8.86	2.888	3.088	2.288	25
26	7.838	7.728	7.718	28.2	19.8	11.5	8.66	8.17	8.33	2.828	3.088	2.228	26
27	7.828	7.718	7.718	25.9	18.2	11.0	7.86	7.88	8.48	2.888	3.108	2.208	27
28	7.828	7.718	7.718	26.8	19.2	11.1	8.38	7.41	8.84	2.828	3.008	2.288	28
29	7.818		7.718	25.8	19.8	11.0	7.82	7.40	8.11	2.02	2.858	2.288	29
30	7.818		7.718	26.4	19.7	11.2	8.00	8.48	8.10	2.10	2.868	2.308	30
31	7.808		7.718		19.3		7.85	7.78		2.04		2.288	31
TOTAL	245.31	218.88	239.01	640.89	687.9	480.5	315.80	228.00	203.93	88.94	84.77	75.23	TOTAL
MEAN	7.91	7.78	7.71	21.4	21.5	16.4	10.2	7.35	8.80	3.18	3.18	2.43	MEAN
MAX	8.12	7.80	7.71	30.7	35.2	20.3	12.7	8.71	8.07	5.39	4.23	2.85	MAX
MIN	7.80	7.71	7.71	8.08	18.4	11.0	7.82	6.90	8.10	1.84	1.84	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.55
MAXIMUM DAILY, 30.7 ON APR 16
MINIMUM DAILY, 1.84 ON OCT 22
MAXIMUM INSTANTANEOUS,
34.78 AT 12:47 MST ON APR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 41 10 N
LONG 110 01 35 W
DRAINAGE AREA, 5 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 200	JUL	27 300
FEB	18 700	AUG	19 700
MAR	20 700	SEP	17 600
APR	55 400	OCT	8 550
MAY	57 700	NOV	8 180
JUN	39 800	DEC	6 500

TOTAL DISCHARGE, 301 000 dam³

MASKWA CREEK NO 1 ABOVE BEARHILLS LAKE - STATION NO. 05FA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.4908	0.028	0.011E	0.010	0.001E	0.004E	0.003E	0.005E	---	1
2	---	---	0.013E	0.242E	0.030	0.010E	0.008	0.003E	0.004E	0.003E	0.005	---	2
3	---	---	0.036E	0.268E	0.022	0.010E	0.006	0.003E	0.004E	0.003E	---	---	3
4	---	---	0.040E	0.186E	0.022	0.011E	0.010	0.003E	0.004E	0.003E	---	---	4
5	---	---	0.020E	0.300E	0.022	0.011E	0.013	0.004E	0.004E	0.003E	---	---	5
6	---	---	0.008E	0.382E	0.023	0.012E	0.013	0.005E	0.004E	0.003E	---	---	6
7	---	---	0.004E	0.303E	0.022	0.012E	0.014	0.005E	0.004E	0.003E	---	---	7
8	---	---	0.003E	0.278E	0.022	0.013E	0.014	0.006E	0.004E	0.003E	---	---	8
9	---	---	0.003E	0.256E	0.022	0.013E	0.015	0.007E	0.003E	0.003E	---	---	9
10	---	---	0.003E	0.249E	0.022	0.014E	0.015	0.007E	0.003E	0.003E	---	---	10
11	---	---	0.003E	0.184E	0.022	0.014E	0.015	0.008E	0.002E	0.003E	---	---	11
12	---	---	0.003E	0.512	0.023E	0.015E	0.007E	0.009	0.002E	0.003E	---	---	12
13	---	---	0.003E	0.226	0.023E	0.016E	0.007E	0.009	0.002E	0.004E	---	---	13
14	---	---	0.003E	0.271	0.023E	0.017E	0.007E	0.010E	0.002E	0.004E	---	---	14
15	---	---	0.003E	0.258	0.024	0.018E	0.008E	0.012E	0.002E	0.004E	---	---	15
16	---	---	0.003E	0.212	0.040	0.018E	0.008E	0.014E	0.002E	0.004E	---	---	16
17	---	---	0.003E	0.191	0.056	0.018E	0.009E	0.017E	0.003E	0.004E	---	---	17
18	---	---	0.003E	0.164	0.078	0.018E	0.009E	0.021E	0.003E	0.004E	---	---	18
19	---	---	0.003E	0.160	0.086	0.017E	0.004E	0.023E	0.003E	0.004E	---	---	19
20	---	---	0.003E	0.130	0.075	0.017E	0.004E	0.024E	0.003E	0.004E	---	---	20
21	---	---	0.003E	0.103	0.062	0.018E	0.004E	0.021E	0.003E	0.004E	---	---	21
22	---	---	0.003E	0.083	0.052	0.016	0.003E	0.012E	0.003E	0.004E	---	---	22
23	---	0.003E	0.003E	0.067	0.048	0.018E	0.003E	0.004E	0.003E	0.004	---	---	23
24	---	0.003E	0.006E	0.065	0.044	0.015E	0.002E	0.002	0.003E	0.004	---	---	24
25	---	0.003E	0.018E	0.055	0.064	0.018E	0.002E	0.003E	0.003E	0.004E	---	---	25
26	---	0.003E	0.028E	0.038	0.038	0.014E	0.001E	0.003E	0.003E	0.004E	---	---	26
27	---	0.003E	0.017E	0.028	0.032	0.014E	0.001	0.002E	0.003E	0.004E	---	---	27
28	---	0.003E	0.010E	0.026	0.015	0.011	0.001E	0.002E	0.003	0.004E	---	---	28
29	---		0.020E	0.030	0.014E	0.011	0.001E	0.003E	0.003E	0.005E	---	---	29
30	---		0.030E	0.028	0.013E	0.012	0.001E	0.003E	0.003E	0.005E	---	---	30
31	---		0.453E		0.012E		0.001E	0.004E		0.005E	---	---	31
TOTAL	---	---	0.746	5.795	1.059	0.425	0.204	0.247	0.093	0.115	---	---	TOTAL
MEAN	---	---	0.024	0.193	0.034	0.014	0.007	0.008	0.003	0.004	---	---	MEAN
MAX	---	---	0.453	0.512	0.086	0.018	0.015	0.024	0.004	0.005	---	---	MAX
MIN	---	---	0.003	0.026	0.013	0.010	0.001	0.001	0.002	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 0.512 ON APR 12
MINIMUM DAILY, 0.001E ON JUL 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 05 N
LONG 113 37 44 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.8
FEB	---	AUG	21.3
MAR	64.6	SEP	7.88
APR	500	OCT	8.84
MAY	91.5	NOV	---
JUN	38.7	DEC	---

TOTAL DISCHARGE, 780 dam³

MASSY RESERVOIR NEAR ELKWATER - STATION NO. 11AB104

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	DRY	DRY	28.882	28.871	28.738	27.508	27.844	28.058	27.833	---	---	1
2	---	DRY	DRY	28.872	28.865	28.728	27.438	27.830	28.044	27.865	---	---	2
3	---	DRY	DRY	28.873	28.863	28.728	27.444	27.821	28.034	27.862	---	---	3
4	---	DRY	25.650E	28.879	28.864	28.729	27.454	27.821	28.032	27.818	---	---	4
5	---	DRY	27.567A	28.875	28.862	28.725	27.466	27.812	28.032	27.779	---	---	5
6	---	DRY	27.745E	28.870	28.861	28.697	27.480	27.807	28.028	27.747	---	---	6
7	---	DRY	27.860E	28.851	28.860	28.661	27.494	27.805	28.025	27.734	---	---	7
8	---	DRY	28.080E	28.833	28.855	28.621	27.522	27.588	28.022	27.728	---	---	8
9	---	DRY	28.230E	28.821	28.851	28.556	27.582	27.589	28.018	27.717	---	---	9
10	---	DRY	28.385E	28.812	28.840	28.463	27.635	27.584	28.015	27.718	---	---	10
11	---	DRY	28.565A	28.908	28.834	28.358	27.853	27.570	28.012	27.722	---	---	11
12	---	DRY	28.676	28.911	28.828	28.283	27.848	27.584	28.011	27.724	---	---	12
13	---	DRY	28.585	28.907	28.818	28.181	27.852	27.581	28.008	27.718	---	---	13
14	---	DRY	28.700	28.902	28.812	28.132	27.887	27.588	28.004	27.718	---	---	14
15	---	DRY	28.927	28.896	28.808	28.109	27.758	27.573	28.000	27.712	---	---	15
16	---	DRY	28.958	28.892	28.787	28.081	27.831	27.582	27.990	27.709	---	---	16
17	---	DRY	28.956	28.888	28.785	28.053	27.876	27.829	27.987	27.708	---	---	17
18	---	DRY	28.933	28.888	28.780	28.003	27.852	27.835	27.983	27.704	---	---	18
19	---	DRY	28.914	28.883	28.778	27.959	27.774	27.834	27.982	27.701	---	---	19
20	---	DRY	28.863	28.878	28.784	27.951	27.699	27.831	27.979	27.699	---	---	20
21	---	DRY	28.814	28.874	28.769	27.946	27.688	27.822	27.978	27.699	---	---	21
22	---	DRY	28.810	28.872	28.781	27.931	27.675	27.816	27.977	27.698	---	---	22
23	---	DRY	28.818	28.865	28.783	27.914	27.668	27.813	27.975	27.695	---	---	23
24	---	DRY	28.833	28.870	28.789	27.863	27.658	27.808	27.968	27.698	---	---	24
25	---	DRY	28.902	28.887	28.765	27.819	27.646	28.048	27.965	27.692	---	---	25
26	---	DRY	28.973	28.873	28.755	27.779	27.641	28.084	27.961	27.666	---	---	26
27	---	DRY	28.955	28.882	28.758	27.739	27.633	28.088	27.970	27.627A	---	---	27
28	---	DRY	28.917	28.879	28.760	27.690	27.626	28.087	27.971	27.586E	---	---	28
29	---		28.895	28.874	28.756	27.648	27.634	28.081	27.970	27.545E	---	---	29
30	---		28.904	28.875	28.758	27.598	27.663	28.055	27.964	27.504E	---	---	30
31	---		28.874		28.748		27.682	28.057		27.463E		---	31
MEAN	---	DRY	114.866	28.909	28.804	28.168	27.634	27.714	27.999	27.707	---	---	MEAN
MAX	---	DRY	DRY	28.982	28.871	28.738	27.876	28.087	28.056	27.833	---	---	MAX
MIN	---	DRY	25.650	28.865	28.748	27.598	27.436	27.561	27.961	27.463	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.982 ON APR 1
MINIMUM DAILY, DRY ON FEB 5
MAXIMUM INSTANTANEOUS,
28.023 AT 22:27 CST ON MAR 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 04 N
LONG 110 22 12 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA, 22.5 km²

MATZHIWIN CREEK ABOVE WARE COULEE - STATION NO 05CJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.054B	0.821B	0.134	6.22	8.24	5.70	1.55	1.55	0.225	---	1
2	---	---	0.052B	0.839B	0.140	5.28	8.26	5.37	1.52	1.57	0.223	---	2
3	---	---	0.051B	0.788B	0.165	6.00	5.76	5.18	1.79	1.59	0.215	---	3
4	---	---	0.050B	0.820B	0.166	5.31	7.27	5.09	2.27	1.80	0.208A	---	4
5	---	---	0.400B	0.848	0.166	5.10	8.73	4.58	2.35	1.84	0.203A	---	5
6	---	---	0.800B	0.684	0.171	5.59	8.82	4.80	2.33	1.70	0.201	---	6
7	---	---	0.850B	0.589	0.154	6.26	7.97	4.73	2.29	1.82	0.237B	---	7
8	---	---	0.825B	0.524	0.144	6.05	8.30	4.82	2.22	1.77	0.276B	---	8
9	---	---	0.754B	0.449	0.186	5.52	8.36	4.50	2.13	2.00	0.220B	---	9
10	---	---	0.421B	0.384	0.281	5.30	7.67	5.89	2.01	2.26	0.220B	---	10
11	---	---	0.299B	0.363	0.261	5.50	7.15	6.27	1.80	2.35	0.220B	---	11
12	---	---	0.486B	0.344	0.550	6.02	6.96	5.98	1.72	2.30	0.220B	---	12
13	---	---	0.310B	0.321	1.73	5.84	7.05	5.59	1.69	2.25	0.220B	---	13
14	---	---	0.307B	0.285	2.34	6.03	6.74	5.65	1.59	3.42	0.220B	---	14
15	---	---	0.350B	0.277	2.20	6.35	6.45	6.61	1.53	2.81	0.210B	---	15
16	---	---	0.209B	0.263	2.25	6.31	6.30	6.02	1.46	2.30	0.200B	---	16
17	---	---	0.212B	0.237	2.13	7.68	6.76	5.60	1.53	1.59	0.200B	---	17
18	---	---	0.284B	0.222	2.37	9.21	7.19	5.49	1.59	1.17	0.200B	---	18
19	---	---	0.297B	0.218	1.81	8.07	9.89	4.89	1.12	0.883	0.210B	---	19
20	---	0.036B	0.283B	0.188	2.88	7.75	11.0	4.29	1.26	0.450	0.220B	---	20
21	---	0.035B	0.720B	0.185	3.75	7.99	9.16	3.43	1.32	0.330	0.230B	---	21
22	---	0.034B	0.558B	0.172	3.92	7.33	8.40	2.88	1.39	0.303	0.240B	---	22
23	---	0.034B	0.541B	0.180	4.51	7.13	8.30	2.58	1.27	0.289	0.250B	---	23
24	---	0.033B	0.426B	0.155	4.11	6.65	8.19	2.26	1.29	0.244	0.250B	---	24
25	---	0.032B	0.332B	0.154	4.41	6.00	7.82	1.98	1.34	0.239	0.250B	---	25
26	---	0.030B	0.329B	0.150	4.20	5.61	7.92	1.74	1.35	0.239	0.250B	---	26
27	---	0.055B	1.03 B	0.141	4.40	6.22	8.10	1.66	1.37	0.238	0.250B	---	27
28	---	0.080B	1.31 B	0.140	4.82	6.62	7.63	1.62	1.45	0.228	0.250B	---	28
29	---		1.02 B	0.137	5.16	6.68	7.01	1.63	1.55	0.227	0.250B	---	29
30	---		0.655B	0.133	5.55	6.45	6.38	1.57	1.59	0.224	0.250B	---	30
31	---		0.805B		5.96		5.87	1.57		0.224		---	31
TOTAL	---	---	15.040	11.033	71.095	193.46	235.48	129.62	49.59	39.926	6.816	---	TOTAL
MEAN	---	---	0.485	0.368	2.29	6.45	7.60	4.18	1.65	1.29	0.227	---	MEAN
MAX	---	---	1.31	0.848	5.96	9.21	11.0	6.61	2.35	3.42	0.276	---	MAX
MIN	---	---	0.050	0.133	0.134	5.10	5.76	1.62	1.12	0.224	0.200	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.04
MAXIMUM DAILY, 11.0 ON JUL 20
MINIMUM DAILY, 0.050B ON MAR 4
MAXIMUM INSTANTANEOUS,
11.5 AT 02:35 MST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 30 N
LONG 111 55 48 W
DRAINAGE AREA, 2 460 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	20 300
FEB	---	AUG	11 200
MAR	1 300	SEP	4 280
APR	953	OCT	3 450
MAY	6 140	NOV	589
JUN	16 700	DEC	---

TOTAL DISCHARGE, 64 300 dam³

MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE - STATION NO. 05AH043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0178	0.0088	0.187	0.012	0	0	0	0	0	0	---	1
2	---	0.0268	0.0218	0.202	0.010	0	0	0	0	0	0	---	2
3	---	0.0078	0.024	0.327	0.009	0	0	0	0	0	0	---	3
4	---	0.0068	0.048	0.281	0.007	0	0	0	0	0	0A	---	4
5	---	0.0048	0.088	0.148	0.006	0	0	0	0	0	---	---	5
6	---	0.0318	0.062	0.123	0.005	0	0	0	0	0	---	---	6
7	---	0.0488	0.042	0.101	0.004	0	0	0	0	0	---	---	7
8	---	0.0288	0.0178	0.089	0.003	0	0	0	0	0	---	---	8
9	---	0.0208	0.0098	0.081	0.001	0	0	0	0	0	---	---	9
10	---	0.0288	0.0078	0.063	0.001	0	0	0	0	0	---	---	10
11	---	0.0288	0.0068	0.047	0	0	0	0	0	0	---	---	11
12	---	0.0238	0.0078	0.043	0	0	0	0	0	0	---	---	12
13	---	0.0178	0.0128	0.038	0	0	0	0	0	0	---	---	13
14	---	0.0208	0.0538	0.026	0	0	0	0	0	0	---	---	14
15	---	0.0188	0.0808	0.022	0	0	0	0	0	0	---	---	15
16	---	0.0178	0.0388	0.018	0	0	0	0	0	0	---	---	16
17	---	0.0188	0.0278	0.018	0	0	0	0	0	0	---	---	17
18	---	0.0148	0.0288	0.021	0	0	0	0	0	0	---	---	18
19	---	0.0238	0.0258	0.021	0	0	0	0	0	0	---	---	19
20	---	0.0188	0.0248	0.021	0	0	0	0	0	0	---	---	20
21	---	0.0188	0.0238	0.020	0	0	0	0	0	0	---	---	21
22	---	0.0088	0.0138	0.020	0	0	0	0	0	0	---	---	22
23	---	0.0078	0.0188	0.024	0	0	0	0	0	0	---	---	23
24	---	0.0088	0.0248	0.026	0	0	0	0	0	0	---	---	24
25	---	0.0088	0.0388	0.021	0	0	0	0	0	0	---	---	25
26	---	0.0088	0.0488	0.018	0.001	0	0	0	0	0	---	---	26
27	0.0048	0.0088	0.0288	0.018	0.007	0	0	0	0	0	---	---	27
28	0.0088	0.0058	0.0478	0.017	0.004	0	0	0	0	0	---	---	28
29	0.0078		0.0388	0.017	0.001	0	0	0	0	0	---	---	29
30	0.0088		0.0598	0.015	0	0	0	0	0	0	---	---	30
31	0.0088		0.120		0		0	0		0		---	31
TOTAL	---	0.484	1.011	1.985	0.071	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.016	0.033	0.066	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	0.048	0.120	0.327	0.012	0	0	0	0	0	---	---	MAX
MIN	---	0.004	0.008	0.015	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.327 ON APR 3
MINIMUM DAILY, 0 ON MAY 11
MAXIMUM INSTANTANEOUS,
0.570 AT 21:43 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 110 11 03 W
DRAINAGE AREA, 20.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	39.2	AUG	0
MAR	87.4	SEP	0
APR	172	OCT	0
MAY	6.13	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 305 dam³

MCGREGOR LAKE INFLOW NEAR MILO - STATION NO. 05AC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	11.0	34.7	31.8	31.4	28.3	24.8	0	---	1
2	---	---	---	0	13.7	33.7	31.8	31.5	26.7	28.4	0A	---	2
3	---	---	---	0	15.9	34.5	31.5	30.6	17.3	28.2	0E	---	3
4	---	---	---	0	16.1	34.4	32.0	30.5	14.3	28.3	0E	---	4
5	---	---	---	0	20.0	29.5	32.4	31.0	13.0	27.3	0E	---	5
6	---	---	---	0	21.2	26.0	31.8	30.6	10.5	26.8	0E	---	6
7	---	---	---	0	24.8	28.4	31.2	30.0	10.1	20.2	0E	---	7
8	---	---	---	0	25.8	26.0	32.3	28.9	9.86	13.7	0E	---	8
9	---	---	---	0	26.1	27.8	32.4	28.7	9.44	5.43	0E	---	9
10	---	---	---	0	28.3	32.4	31.8	29.3	9.81	0.777	0E	---	10
11	---	---	---	0	26.6	34.0	31.8	28.4	10.4	0.313	0E	---	11
12	---	---	---	0	28.3	34.0	31.4	28.3	10.6	0.218	0E	---	12
13	---	---	---	0	30.5	34.1	31.0	28.3	10.1	0.167	0E	---	13
14	---	---	---	0	30.6	34.0	30.8	28.1	9.41	0.224	0E	---	14
15	---	---	---	0	30.7	34.0	28.8	28.0	10.6	0.288	0E	---	15
16	---	---	---	0	30.6	34.1	28.4	28.4	12.8	0.267	0E	---	16
17	---	---	---	0	30.5	33.6	28.7	28.8	13.6	0.261	0E	---	17
18	---	---	---	0	30.6	31.6	30.4	27.3	13.1	0.256	0E	---	18
19	---	---	---	0	30.6	26.8	31.7	28.6	14.6	0.231	0E	---	19
20	---	---	---	0	30.6	31.1	31.3	28.9	15.6	0.197	0E	---	20
21	---	---	---	0	30.6	33.6	31.0	28.1	15.6	0.180	0E	---	21
22	---	---	---	0	33.4	32.4	31.2	28.8	15.6	0.156	0E	---	22
23	---	---	0A	0	33.2	32.2	31.6	28.8	10.6	0.143	0E	---	23
24	---	---	0	0	33.8	32.3	31.6	28.3	20.4	0.133	0E	---	24
25	---	---	0	0	33.0	32.1	31.8	28.4	23.4	0.068	0E	---	25
26	---	---	0	0	33.6	31.6	32.2	28.6	23.3	0	0E	---	26
27	---	---	0	0	34.6	33.2	31.6	28.6	20.9	0	0E	---	27
28	---	---	0	0	34.1	32.7	32.1	28.2	16.4	0	0E	---	28
29	---		0	7.24	34.2	32.6	32.4	29.5	20.6	0	0E	---	29
30	---		0	10.8	34.1	32.1	32.6	29.6	23.0	0	0E	---	30
31	---		0		34.8		31.8	28.4		0		---	31
TOTAL	---	---	---	18.14	887.8	882.2	878.9	880.9	488.45	206.747	0	---	TOTAL
MEAN	---	---	---	0.605	28.0	32.1	31.6	28.0	15.3	6.84	0	---	MEAN
MAX	---	---	---	10.8	34.8	34.7	32.6	31.8	28.3	28.2	0	---	MAX
MIN	---	---	---	0	11.0	26.8	28.4	28.0	9.41	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.0
MAXIMUM DAILY, 34.7 ON JUN 1
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 20 N
LONG 112 55 35 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1979

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	54 300
FEB	---	AUG	77 600
MAR	---	SEP	35 700
APR	1 670	OCT	17 600
MAY	75 000	NOV	0
JUN	83 100	DEC	---

TOTAL DISCHARGE, 378 000 dam³

MCGREGOR TRAVERS CANAL NEAR CHAMPION - STATION NO. 05AC035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	18.6	35.0	43.3	5.01	5.27	17.7	0	---	1
2	---	---	---	0	22.1	34.6	43.3	5.15	13.0	17.7	0A	---	2
3	---	---	---	0	22.0	35.7	43.4	5.20	11.8	17.6	---	---	3
4	---	---	---	0	27.2	36.3	43.4	5.25	11.8	11.3	---	---	4
5	---	---	---	0	30.8	36.4	43.4	5.29	11.8	0.034	---	---	5
6	---	---	---	0	30.7	36.3	43.4	12.6	11.8	0	---	---	6
7	---	---	---	0	32.2	36.9	43.1	12.6	11.7	0	---	---	7
8	---	---	---	0	32.8	40.4	43.1	12.8	10.4	0	---	---	8
9	---	---	---	0	32.9	42.3	43.1	13.0	8.33	0	---	---	9
10	---	---	---	0	32.8	42.4	43.0	13.0	8.30	0	---	---	10
11	---	---	---	0	38.0	42.2	42.8	13.0	8.30	0	---	---	11
12	---	---	---	0	43.7	43.1	42.7	13.1	8.25	0	---	---	12
13	---	---	---	0	48.2	46.0	37.8	11.2	8.22	0	---	---	13
14	---	---	---	0	48.9	45.6	33.5	9.85	8.18	0	---	---	14
15	---	---	---	0	51.0	47.8	33.3	10.0	8.09	0	---	---	15
16	---	---	---	0	50.8	48.8	27.5	10.0	8.35	0	---	---	16
17	---	---	---	0	50.5	46.8	25.1	8.80	11.8	0	---	---	17
18	---	---	---	0	50.3	48.7	21.4	6.58	13.2	0	---	---	18
19	---	---	---	0	50.4	48.8	17.8	4.38	13.1	0	---	---	19
20	---	---	---	0	50.3	48.8	13.4	2.78	13.1	0	---	---	20
21	---	---	---	8.29	50.3	48.1	11.2	2.78	13.1	0	---	---	21
22	---	---	---	14.4	50.0	48.3	8.44	2.78	14.0	0	---	---	22
23	---	---	0A	13.0	47.7	48.5	5.88	2.77	14.5	0	---	---	23
24	---	---	0	13.0	48.6	48.0	5.13	2.78	15.7	0	---	---	24
25	---	---	0	13.0	48.7	43.3	5.86	2.80	17.3	0	---	---	25
26	---	---	0	12.9	45.3	41.6	5.73	2.80	17.6	0	---	---	26
27	---	---	0	12.8	41.8	41.8	5.81	2.80	17.7	0	---	---	27
28	---	---	0	14.9	39.6	42.9	5.88	2.80	17.7	0	---	---	28
29	---		0	16.1	37.4	43.2	5.92	2.80	17.7	0	---	---	29
30	---		0	16.0	35.6	43.4	6.01	2.77	17.7	0	---	---	30
31	---		0		35.8		5.00	2.81		0		---	31
TOTAL	---	---	---	132.49	1 238.3	1 284.0	800.51	218.28	371.29	84.334	---	---	TOTAL
MEAN	---	---	---	4.62	40.0	43.1	25.8	7.07	13.4	2.06	---	---	MEAN
MAX	---	---	---	18.1	51.0	48.8	43.4	13.1	17.8	17.7	---	---	MAX
MIN	---	---	---	0	18.6	34.6	5.86	2.78	8.09	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 51.0 ON MAY 15
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 15 N
LONG 112 49 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	69 200
FEB	---	AUG	16 800
MAR	---	SEP	32 100
APR	11 800	OCT	8 580
MAY	107 000	NOV	---
JUN	112 000	DEC	---

TOTAL DISCHARGE, 356 000 dam³

MCLEOD RIVER ABOVE EMBARRAS RIVER - STATION NO. 07AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.238	3.328	2.828	4.388	10.1	20.8	7.55	29.9	26.7	11.1	5.67	2.668	1
2	3.868	3.428	2.808	5.388	11.8	16.5	7.25	356	24.5	10.6	5.56	3.648	2
3	3.738	3.478	2.798	6.208	13.1	15.2	7.36	308	27.1	10.2	5.33	3.508	3
4	3.068	3.578	2.768	7.508	11.8	15.3	6.50	193	29.2	10.0	5.15	3.458	4
5	3.158	3.868	2.778	8.808	9.98	14.6	10.9	185	25.4	10.5	5.86	3.308	5
6	3.278	3.488	2.758	10 6 8	8.21	15.2	17.2	141	22.6	10.4	5.85	3.158	6
7	3.118	3.428	2.748	12 5 8	7.87	16.2	15.2	108	20.6	9.95	5.74	3.108	7
8	2.978	3.508	2.738	14 0 8	7.83	15.4	13.6	86.5	19.6	9.86	5.65	3.268	8
9	2.838	3.608	2.748	13.0 8	8.53	14.6	14.4	74.4	18.6	9.82	5.61	3.338	9
10	2.848	3.668	2.758	11.3 8	11.0	18.0	23.0	73.2	18.0	9.24	5.48	3.108	10
11	2.988	3.688	2.778	9.608	11.5	18.0	32.0	77.0	17.0	9.02	5.55	2.688	11
12	3.228	3.708	2.788	8.008	10.9	14.3	36.5	88.1	16.1	8.67	5.88	2.868	12
13	3.508	3.728	2.808	7.008	9.92	11.5	33.1	87.2	15.7	8.65	5.69	2.608	13
14	3.008	3.748	2.828	6.358	11.1	10.4	19.6	82.2	17.0	8.49	5.408	2.308	14
15	2.808	3.768	2.848	6.748	10.9	10.1	16.9	86.6	16.0	8.18	5.308	3.198	15
16	3.708	3.738	2.888	8.47	11.0	10.1	15.2	48.7	17.4	7.98	5.208	2.138	16
17	2.858	3.738	2.928	8.85	10.8	11.4	15.3	47.8	16.7	7.88	5.008	2.178	17
18	3.008	3.718	2.878	8.10	10.5	14.8	16.4	46.4	15.8	7.67	5.308	2.238	18
19	3.188	3.828	3.008	5.88	12.1	13.9	20.7	46.1	14.7	7.34	5.808	2.308	19
20	3.308	3.388	3.038	5.87	14.5	11.8	30.4	44.8	13.9	7.40	6.008	1.348	20
21	3.188	3.188	3.138	5.73	14.8	11.4	18.7	43.2	13.3	7.20	5.908	2.328	21
22	3.188	3.068	3.188	5.82	17.4	12.3	20.1	43.5	12.4	7.28	5.808	2.288	22
23	3.148	2.988	3.208	5.35	18.4	11.8	18.4	38.3	11.9	6.87	5.768	2.388	23
24	3.128	2.908	3.258	4.88	23.3	10.7	19.8	36.0	11.4	6.13	5.678	2.368	24
25	3.108	2.908	3.308	5.18	24.8	9.73	18.0	37.4	11.2	6.78	4.768	2.428	25
26	3.108	2.868	3.338	4.83	24.5	9.73	17.8	34.5	11.3	7.02	4.488	2.428	26
27	3.118	2.868	3.308	4.44	24.3	9.47	18.3	31.8	12.7	6.86	4.288	2.438	27
28	3.128	2.848	3.258	5.84	24.8	9.11	14.5	30.8	13.7	6.44	4.518	2.408	28
29	3.148		3.258	6.60	26.0	8.81	12.9	33.4	12.8	6.86	3.638	2.378	29
30	3.188		3.308	7.77	25.5	8.31	13.6	35.1	11.6	6.70	2.788	2.338	30
31	3.258		3.408		22.8		13.3	31.0		6.72		2.308	31
TOTAL	95.00	95.47	93.35	218.02	462.14	384.38	514.37	2 488.9	518.6	256.84	161.68	83.38	TOTAL
MEAN	3.06	3.41	3.05	7.27	14.9	12.8	16.6	80.3	17.2	8.28	5.39	2.66	MEAN
MAX	3.80	3.83	3.40	14.0	26.5	20.8	32.0	356	29.2	11.1	6.67	3.84	MAX
MIN	2.80	2.84	2.73	4.38	7.83	8.11	5.00	29.9	11.3	6.13	2.78	2.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 356 ON AUG 2
MINIMUM DAILY, 2.138 ON DEC 16
MAXIMUM INSTANTANEOUS,
476 AT 10:45 MST ON AUG 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 26 12 N
LONG 118 37 45 W
DRAINAGE AREA, 3 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 210	JUL	44 400
FEB	6 250	AUG	216 000
MAR	7 980	SEP	44 800
APR	16 800	OCT	23 300
MAY	39 900	NOV	14 000
JUN	33 200	DEC	7 130

TOTAL DISCHARGE, 484 000 dam³

MCLEOD RIVER NEAR CADOMIN - STATION NO. 07AF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4608	0.7708	3.83	4.68	3.98	32.3	5.24	2.38	---	---	1
2	---	---	0.5108	0.8108	3.41	4.42	2.88	80.4	5.28	2.26	---	---	2
3	---	---	0.5288	0.8608	2.82	4.18	3.18	50.3	5.43	2.21	---	---	3
4	---	---	0.4548	0.8808	3.31	4.36	5.78	43.8	5.18	2.33	---	---	4
5	---	---	0.5858	0.9308	2.19	5.46	5.15	42.3	4.88	2.30	---	---	5
6	---	---	0.5608	0.8708	2.22	5.00	5.38	32.2	4.58	2.11	---	---	6
7	---	---	0.5708	1.00 E	2.78	5.03	4.88	26.3	4.41	2.14	---	---	7
8	---	---	0.6558	1.02 E	3.85	5.12	4.24	21.4	4.10	2.17	---	---	8
9	---	---	0.6458	0.9908	4.07	5.63	5.61	17.7	4.02	2.02	---	---	9
10	---	---	0.6408	0.8208	3.86	5.26	5.33	16.7	3.83	2.15	---	---	10
11	---	---	0.5458	0.6808	3.04	4.46	5.86	16.7	3.70	2.13	---	---	11
12	---	---	0.5658	0.8118	3.41	4.27	6.43	16.3	3.85	2.08	---	---	12
13	---	---	0.5588	1.04 E	3.28	4.58	5.83	13.7	3.77	1.84	---	---	13
14	---	---	0.5658	0.8438	3.12	4.36	5.08	12.1	3.81	1.86	---	---	14
15	---	---	0.5708	0.8928	3.27	4.21	4.78	10.2	3.56	1.90	---	---	15
16	---	---	0.5408	0.8388	3.33	4.61	4.56	10.0	3.36	1.97	---	---	16
17	---	---	0.5208	1.00 E	3.38	4.94	5.30	9.62	3.06	1.85	---	---	17
18	---	---	0.6508	0.8088	3.81	4.41	5.78	9.18	3.00	1.80	---	---	18
19	---	---	0.6458	0.8148	3.81	4.12	5.04	8.64	2.93	1.83	---	---	19
20	---	---	0.6308	0.7388	3.48	4.34	5.88	8.21	2.86	1.80	---	---	20
21	---	---	0.6208	0.812	3.86	5.14	5.56	8.86	2.82	1.83	---	---	21
22	---	---	0.6008	0.886	3.87	4.42	5.26	8.32	2.73	1.80B	---	---	22
23	---	---	0.6288	0.887	4.84	3.63	7.16	7.85	2.68	1.84B	---	---	23
24	---	---	0.6508	0.808	5.23	3.82	5.84	7.80	2.61	1.75B	---	---	24
25	---	---	0.6708	0.868	5.73	3.31	5.38	7.57	2.57	1.69	---	---	25
26	---	---	0.6108	0.843	6.79	3.30	5.21	7.01	2.63	1.42	---	---	26
27	---	---	0.5958	0.816	7.41	3.86	4.84	8.63	2.74	1.51A	---	---	27
28	---	---	0.5808	1.38	7.01	3.61	4.60	8.38	2.61	1.70E	---	---	28
29	---		0.6308	2.20	8.53	3.21	4.38	8.30	2.60	1.65E	---	---	29
30	---		0.6808	2.74	8.61	3.15	4.05	8.76	2.46	1.60E	---	---	30
31	---		0.7378		8.51		4.86	8.47		1.30E	---	---	31
TOTAL	---	---	18.240	30.514	124.13	131.63	163.37	838.91	106.82	58.41	---	---	TOTAL
MEAN	---	---	0.588	1.02	4.07	4.39	5.27	17.3	3.56	1.88	---	---	MEAN
MAX	---	---	0.737	2.74	7.41	5.00	8.33	80.4	5.43	2.38	---	---	MAX
MIN	---	---	0.454	0.736	2.17	3.15	2.88	8.47	2.46	1.30	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.78
MAXIMUM DAILY, 80.4 ON AUG 2
MINIMUM DAILY, 0.454B ON MAR 4
MAXIMUM INSTANTANEOUS,
87.4 AT 23:38 MST ON AUG 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 44 N
LONG 117 11 50 W
DRAINAGE AREA, 331 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 100
FEB	---	AUG	46 300
MAR	1 540	SEP	8 330
APR	2 640	OCT	5 050
MAY	10 900	NOV	---
JUN	11 400	DEC	---

TOTAL DISCHARGE, 101 000 dam³

MCLEOD RIVER NEAR ROSEVEAR - STATION NO 07AG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	9.838	7.978	11.88	32.3	42.3	17.6	38.4	44.8	20.0	14.6	5.438	1
2	10.9 B	8.388	7.618	15.08	25.0	37.3	16.7	306	42.3	19.2	14.6	5.438	2
3	10.6 B	8.388	7.208	16.58	37.2	33.0	17.3	510	41.5	18.6	14.6	5.438	3
4	10.3 B	8.468	7.158	22.38	28.2	28.6	17.8	320	46.0	18.3	14.4	5.308	4
5	10.0 B	8.888	7.108	26.18	26.6	25.7	17.1	269	44.6	18.0	13.3	6.018	5
6	10.4 B	8.758	8.028	33.18	24.7	25.5	20.3	248	39.4	18.7	12.6	7.188	6
7	10.3 B	8.798	7.168	35.58	23.6	28.4	24.6	194	38.6	18.6	12.6 B	7.528	7
8	10.1 B	8.878	7.028	36.68	22.5	26.2	27.3	182	33.0	18.3	12.6 B	8.668	8
9	9.888	8.808	6.898	35.58	21.4	25.8	26.3	126	31.0	18.3	13.6 B	8.338	9
10	9.458	9.028	7.128	38.08	22.2	24.1	31.4	110	29.6	17.9	11.6 B	8.988	10
11	8.838	9.608	7.888	34.58	23.2	24.8	46.3	122	26.5	17.4	11.1 B	8.758	11
12	8.738	9.408	8.388	33.58	23.6	24.2	48.6	133	27.0	16.8	11.3 B	8.628	12
13	9.028	9.308	9.138	33.88	24.5	22.6	40.9	113	25.9	16.8	11.0 B	8.208	13
14	9.838	9.708	9.888	32.08	25.0	20.6	35.7	112	26.3	16.5	10.7 B	8.338	14
15	10.0 B	9.808	10.2 B	31.48	27.1	18.8	31.1	97.7	26.8	16.3	10.6 B	8.858	15
16	10.3 B	9.408	10.1 B	30.78	27.1	19.7	28.7	88.1	26.3	15.9	10.3 B	8.808	16
17	10.8 B	10.5 B	9.738	28.98	26.7	20.3	24.4	77.1	26.7	15.9	10.1 B	8.008	17
18	10.6 B	10.3 B	9.618	28.48	26.0	23.6	23.6	73.7	27.6	15.6	9.808	8.108	18
19	10.7 B	12.0 B	9.658	26.78	26.5	28.2	28.4	70.1	26.3	15.6	10.2 B	8.208	19
20	10.7 B	11.7 B	9.458	27.68	33.7	26.0	31.5	71.7	24.0	15.2	11.0 B	8.308	20
21	10.4 B	10.1 B	8.848	26.58	42.0	32.7	30.6	66.6	23.2	14.9	10.6 B	8.208	21
22	10.6 B	9.188	9.008	26.28	51.3	32.0	28.4	66.7	22.3	15.2	10.2 B	8.008	22
23	10.6 B	8.888	8.438	23.9	51.1	32.2	26.6	83.2	21.4	14.6	10.0 B	8.188	23
24	10.4 B	8.608	8.268	22.7	84.0	31.6	26.7	85.9	20.6	14.2	10.8 B	8.308	24
25	10.0 B	8.398	8.178	22.2	82.8	18.8	27.8	82.3	20.0	13.2	10.0 B	8.408	25
26	8.618	8.088	8.958	21.8	67.8	16.3	26.6	61.8	19.8	15.2	8.178	8.878	26
27	9.328	7.828	8.478	21.4	61.7	17.4	26.2	47.8	19.6	14.4	7.838	8.608	27
28	8.398	7.848	8.338	20.8	47.7	16.9	25.7	46.1	20.6	14.9	8.118	8.358	28
29	8.178		8.388	20.3	47.7	16.6	24.1	45.1	22.2	14.9	8.768	8.258	29
30	8.788		8.688	20.7	48.8	17.8	23.6	48.8	21.0	14.8	8.378	8.088	30
31	8.818		9.328		46.0		23.0	48.8		14.7		8.878	31
TOTAL	308.88	258.82	283.58	805.8	1 050.7	726.4	848.8	3 806.6	884.9	509.4	328.04	193.58	TOTAL
MEAN	10.0	9.17	8.80	26.8	35.2	24.2	27.4	123	28.8	16.4	10.9	6.21	MEAN
MAX	10.8	12.0	10.2	36.6	84.0	42.3	46.6	510	46.0	20.0	14.6	7.82	MAX
MIN	8.72	7.82	8.80	11.8	21.4	16.8	16.7	38.4	19.8	13.2	8.11	8.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.4
MAXIMUM DAILY, 510 ON AUG 3
MINIMUM DAILY, 8.30B ON DEC 4
MAXIMUM INSTANTANEOUS,
835 AT 02:30 MST ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 45 N
LONG 118 09 42 W
DRAINAGE AREA, 7 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 800	JUL	73 400
FEB	22 200	AUG	328 000
MAR	22 800	SEP	74 700
APR	88 600	OCT	44 000
MAY	84 200	NOV	28 300
JUN	62 800	DEC	16 800

TOTAL DISCHARGE, 884 000 dam³

MCLEOD RIVER NEAR WHITECOURT - STATION NO. 07AG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	9.408	12.88	23.6	51.2	16.2	27.4	54.7	23.5	19.0	---	1
2	---	---	9.408	15.18	28.6	44.7	16.8	88.8	51.0	22.5	18.4	---	2
3	---	---	9.408	20.68	30.7	38.6	16.6	583	51.0	21.4	18.0	---	3
4	---	---	9.418	35.88	33.1	35.6	16.6	408	48.3	21.3	18.0A	---	4
5	---	---	9.188	50.88	32.2	31.6	16.6	287	83.7	20.2	---	---	5
6	---	---	9.038	60.88	29.3	29.6	16.2	273	48.6	19.7	---	---	6
7	---	---	9.088	74.38	27.2	28.2	16.6	228	44.0	20.0	---	---	7
8	---	---	8.918	84.78	26.2	30.7	28.6	177	38.9	20.6	---	---	8
9	---	---	8.728	88.18	33.3	30.3	28.6	144	37.5	20.7A	---	---	9
10	---	---	8.858	100 B	32.6	27.6	27.7	128	36.1	20.0E	---	---	10
11	---	---	8.638	108 B	33.2	26.3	32.9	122	33.6	19.2E	---	---	11
12	---	---	8.048	108 B	26.3	26.3	51.0	139	31.8	18.6A	---	---	12
13	---	---	9.138	90.08	25.6	25.6	48.3	128	30.5	18.8	---	---	13
14	---	---	8.368	74.28	25.6	23.7	42.1	121	29.0	18.8	---	---	14
15	---	---	8.888	68.88	27.2	21.6	37.3	118	28.2	18.0	---	---	15
16	---	---	8.788	61.18	28.3	20.6	33.6	103	29.3	17.8	---	---	16
17	---	---	8.888	48.68	27.6	20.4	28.2	83.2	31.0	17.3	---	---	17
18	---	---	8.018	44.18	28.3	21.1	28.2	68.3	31.6	17.1	---	---	18
19	---	---	10.0 B	38.1	30.3	25.6	26.6	62.9	30.9	16.8	---	---	19
20	---	---	10.2 B	36.7	38.4	31.6	31.7	61.6	28.7	16.6	---	---	20
21	---	---	9.898	33.3	44.6	36.1	36.6	62.0	27.0	16.4	---	---	21
22	---	---	9.888	31.4	54.3	25.6	33.0	78.1	25.6	16.0	---	---	22
23	---	---	9.898	28.4	64.6	24.0	31.0	76.7	24.1	16.2	---	---	23
24	---	---	9.648	27.7	72.3	23.6	30.3	68.4	22.8	16.3	---	---	24
25	---	---	9.788	26.9	73.3	23.3	28.2	61.6	21.9	16.18	---	---	25
26	---	---	9.888	26.2	68.2	20.6	30.6	58.1	21.4	16.08	---	---	26
27	---	---	9.668	24.7	61.1	18.3	28.0	57.1	21.2	16.28	---	---	27
28	---	---	9.868	23.8	56.4	18.8	26.6	63.6	21.3	16.48	---	---	28
29	---		9.838	22.4	53.3	18.0	25.7	61.0	22.1	16.78	---	---	29
30	---		9.848	22.2	53.6	15.6	23.9	61.1	24.6	16.38	---	---	30
31	---		11.3 B		54.4		23.4	57.0		16.1		---	31
TOTAL	---	---	299.81	1 483.7	1 302.3	806.2	678.2	4 697.4	1 000.3	584.6	---	---	TOTAL
MEAN	---	---	9.67	49.4	38.8	26.9	26.4	132	33.3	18.2	---	---	MEAN
MAX	---	---	11.3	108	72.3	51.2	51.0	583	84.7	33.6	---	---	MAX
MIN	---	---	8.72	12.8	23.8	15.8	16.2	37.4	21.2	16.0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.2
MAXIMUM DAILY, 583 ON AUG 3
MINIMUM DAILY, 8.728 ON MAR 9
MAXIMUM INSTANTANEOUS,
870 AT 13:34 MST ON AUG 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 48 N
LONG 115 50 18 W
DRAINAGE AREA, 9 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	78 000
FEB	---	AUG	384 000
MAR	26 800	SEP	88 400
APR	128 000	OCT	48 800
MAY	104 000	NOV	---
JUN	69 700	DEC	---

TOTAL DISCHARGE, 883 000 dam³

MEADOW CREEK NEAR THE MOUTH - STATION NO. 05AB029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.184	0.003E	0	0	0	0	0	0	---	1
2	---	---	0 B	0.108	0.003E	0	0	0	0	0	0	---	2
3	---	---	0 B	0.123	0.003A	0	0.003	0	0	0	---	---	3
4	---	---	0 B	0.118	0.006	0	0	0	0	0	---	---	4
5	---	---	0 B	0.108	0.004	0	0	0	0	0	---	---	5
6	---	---	0.0268	0.083	0.008	0	0	0	0	0	---	---	6
7	---	---	0.0708	0.073	0.006	0	0	0	0	0	---	---	7
8	---	---	0.0858	0.068	0.005	0	0	0	0	0	---	---	8
9	---	---	0.0288	0.060	0.002	0	0	0	0	0	---	---	9
10	---	---	0.0288	0.068	0.001	0	0	0	0	0	---	---	10
11	---	---	0.0238	0.055	0	0	0	0	0	0	---	---	11
12	---	---	0.0308	0.063	0	0	0	0	0	0	---	---	12
13	---	---	0.0268	0.050	0	0	0	0	0	0	---	---	13
14	---	---	0.0338	0.044	0	0	0	0	0	0	---	---	14
15	---	---	0.0248	0.032	0	0	0	0	0	0	---	---	15
16	---	---	0.0238	0.036	0	0	0	0	0	0	---	---	16
17	---	---	0.0228	0.032	0	0	0	0.005	0	0	---	---	17
18	---	---	0.0188	0.029	0	0	0	0.003A	0	0	---	---	18
19	---	---	0.0248	0.027	0	0	0.001	0.003A	0	0	---	---	19
20	---	---	0.0318	0.036	0	0	0.001	0.007	0	0	---	---	20
21	---	---	0.0188	0.023	0	0	0.003	0.005	0	0	---	---	21
22	---	---	0.0188	0.018	0	0	0.002	0	0	0	---	---	22
23	---	0B	0.0128	0.016	0	0	0.008	0	0	0	---	---	23
24	---	0B	0.0188	0.012	0	0	0.011	0	0	0	---	---	24
25	---	0B	0.0188	0.011	0	0	0.003	0	0	0	---	---	25
26	---	0B	0.0328	0.010	0	0	0.001	0	0	0	---	---	26
27	---	0B	0.0308	0.008	0	0	0.001	0	0	0	---	---	27
28	---	0B	0.0288	0.007	0	0	0.001	0	0	0	---	---	28
29	---		0.0338	0.004	0.001	0	0.001	0	0	0	---	---	29
30	---		0.030	0.003A	0.002	0	0.001	0	0	0	---	---	30
31	---		0.081		0.001		0	0		0		---	31
TOTAL	---	---	0.748	1.436	0.042	0	0.034	0.026	0	0	---	---	TOTAL
MEAN	---	---	0.024	0.048	0.001	0	0.001	0.001	0	0	---	---	MEAN
MAX	---	---	0.070	0.184	0.008	0	0.011	0.008	0	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.184 ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.378 AT 14:30 MST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 113 38 43 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.84
FEB	---	AUG	3.42
MAR	83.8	SEP	0
APR	133	OCT	0
MAY	3.93	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 189 dam³

MEDICINE RIVER NEAR ECKVILLE - STATION NO. 05CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4688	0.3888	0.3808	3.808	2.01	1.45	0.308	1.82	2.07	0.445	1.01	0.3588	1
2	0.4688	0.3888	0.3808	5.008	1.88	1.24	0.233	1.73	2.18	0.428	0.880	0.3438	2
3	0.4688	0.3988	0.4708	18.8 B	2.28	1.10	0.273	1.74	1.83	0.810	0.629	0.3278	3
4	0.4688	0.3888	0.8108	17.8 B	2.83	1.03	0.388	2.78	1.78	0.858	0.628	0.3138	4
5	0.4688	0.4018	0.7008	16.0 B	2.88	0.824	0.378	3.87	2.33	0.801	0.787	0.2988	5
6	0.4688	0.4048	0.8008	17.7 B	2.81	0.810	0.401	2.58	2.86	0.488	0.723	0.2788	6
7	0.4688	0.4078	0.8008	16.8 B	2.70	0.754	0.488	3.84	2.43	0.558	0.705	0.2768	7
8	0.4638	0.4108	1.01 B	16.0 B	2.83	0.881	0.818	3.13	1.81	0.838	0.7388	0.2778	8
9	0.4608	0.4148	1.17 B	15.0 B	2.35	0.801	0.513	2.74	1.58	0.873	0.8108	0.2768	9
10	0.4578	0.4178	1.34 B	14.0 B	2.11	0.882	0.782	2.88	1.38	0.873	0.7768	0.2768	10
11	0.4638	0.4208	1.08 B	12.7 B	1.87	0.841	1.13	3.03	1.28	0.885	0.7258	0.2748	11
12	0.4908	0.4238	0.9808	11.3 B	1.82	0.853	1.04	8.25	1.18	0.844	0.6788	0.2748	12
13	0.4478	0.4278	0.8508	10.5 B	1.78	0.444	1.21	7.48	1.08	0.818	0.6388	0.2748	13
14	0.4438	0.4308	0.7908	9.188	1.74	0.370	1.28	7.48	1.01	0.808	0.7298	0.2748	14
15	0.4608	0.4338	0.7808	8.008	1.88	0.308	1.07	6.82	0.908	0.881	0.7708	0.2748	15
16	0.4378	0.4388	0.7308	3.83	1.57	0.351	0.877	5.91	0.858	0.888	0.7818	0.2358	16
17	0.4348	0.4388	0.7188	3.48	1.54	0.358	0.767	5.20	0.847	0.832	0.7768	0.2108	17
18	0.4318	0.4448	0.7008	3.12	1.48	0.388	0.670	5.80	0.848	0.731	0.8828	0.1908	18
19	0.4278	0.4478	0.6908	2.80	1.37	0.398	0.741	5.34	0.888	0.718	0.8808	0.2108	19
20	0.4348	0.4508	0.6858	2.89	1.48	0.403	0.831	4.82	0.822	0.703	0.8528	0.2358	20
21	0.4218	0.4488	0.6828	3.01	1.88	0.388	1.18	4.18	0.882	0.847	0.8018	0.2808	21
22	0.4188	0.4488	0.6808	3.06	2.04	0.488	1.40	3.74	0.827	0.818	0.8528	0.2658	22
23	0.4158	0.4448	0.6788	3.09	2.48	0.693	3.17	3.23	0.487	0.815	0.8388	0.2708	23
24	0.4118	0.4388	0.6788	2.87	2.88	0.882	8.88	2.88	0.411	0.815	0.8218	0.2758	24
25	0.4088	0.4308	0.6788	2.63	2.87	0.834	8.00	2.48	0.388	0.813	0.8248	0.2788	25
26	0.4068	0.4208	0.6748	2.38	2.81	0.482	4.88	2.03	0.388	0.885	0.8188	0.2788	26
27	0.4028	0.4108	0.6708	2.28	0.387	3.80	1.89	0.348	0.783	0.4788	0.2758	27
28	0.3988	0.4008	0.6788	2.28	2.02	0.324	2.78	1.77	0.350	0.882	0.4448	0.2788	28
29	0.3958		0.8208	2.08	1.77	0.380	2.71	1.78	0.388	0.783	0.4118	0.2658	29
30	0.3958		1.80 B	2.02	1.88	0.343	2.18	1.78	0.381	0.888	0.3738	0.2388	30
31	0.3858		2.80 B		1.48		1.88	1.78		1.10		0.2108	31
TOTAL	13.492	11.821	28.183	231.82	63.41	17.800	48.143	118.85	32.884	20.043	20.092	8.353	TOTAL
MEAN	0.435	0.422	0.845	7.72	2.05	0.887	1.58	3.73	1.10	0.847	0.870	0.269	MEAN
MAX	0.488	0.488	2.50	18.0	2.70	1.45	8.00	7.48	2.88	1.10	1.01	0.358	MAX
MIN	0.385	0.385	0.390	2.02	1.37	0.308	0.233	1.73	0.348	0.428	0.372	0.190	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 18.08 ON APR 5
MINIMUM DAILY, 0.1908 ON DEC 16

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 06 N
LONG 114 20 33 W
DRAINAGE AREA, 1 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 170	JUL	4 250
FEB	1 020	AUG	9 880
MAR	2 280	SEP	2 640
APR	20 000	OCT	1 730
MAY	5 480	NOV	1 740
JUN	1 650	DEC	722

TOTAL DISCHARGE, 52 800 dam³

MEETING CREEK NEAR DONALDA - STATION NO 05FC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.11 B	0.083	0	0	0.010	0.011	0	---	---	1
2	---	---	0 B	5.33	0.075	0	0	0.013	0.041	0	---	---	2
3	---	---	0 B	8.48	0.085	0	0	0.011	3.49	0	---	---	3
4	---	---	0 B	7.04	0.048	0	0	0.010	1.30	0	---	---	4
5	---	---	0.0148	7.58	0.031	0	0.001	0.183	0.726	0	---	---	5
6	---	---	0.0878	4.88	0.018	0	0.002	0.138	0.558	0	---	---	6
7	---	---	0.2118	2.10	0.006	0	0.003	0.084	0.487	0	---	---	7
8	---	---	0.1738	1.42	0.001	0	0.004	0.050	0.378	0	---	---	8
9	---	---	0.0878	1.05	0	0	0.008	0.040	0.308	0	---	---	9
10	---	---	0.0508	0.808	0	0	0.018	0.080	0.237	0	---	---	10
11	---	---	0.0138	0.683	0	0	0.014	0.051	0.178	0	---	---	11
12	---	---	0.0018	0.603	0	0	0.013	0.041	0.138	0	---	---	12
13	---	---	0 B	0.492	0	0	0.013	0.031	0.104	0	---	---	13
14	---	---	0 B	0.417	0	0	0.011	0.028	0.070	0	---	---	14
15	---	---	0 B	0.362	0	0	0.007	0.018	0.041	0	---	---	15
16	---	---	0 B	0.314	0	0	0.008	0.018	0.018	0	---	---	16
17	---	---	0 B	0.277	0	0	0.008	0.013	0.004	0	---	---	17
18	---	---	0 B	0.273	0	0	0.008	0.011	0.003	0	---	---	18
19	---	---	0 B	0.883	0	0	0.035	0.008	0.002	0	---	---	19
20	---	---	0 B	1.08	0	0	0.039	0.020	0.002	0	---	---	20
21	---	---	0 B	0.452	0	0	0.036	0.027	0.001	0	---	---	21
22	---	---	0 B	0.284	0	0	0.037	0.021	0	0	---	---	22
23	---	0B	0 B	0.237	0	0	0.037	0.017	0	0	---	---	23
24	---	0B	0 B	0.208	0	0	0.035	0.017	0	0	---	---	24
25	---	0B	0.0048	0.180	0	0	0.033	0.019	0	0	---	---	25
26	---	0B	0.0868	0.178	0	0	0.032	0.018	0	0A	---	---	26
27	---	0B	0.0328	0.188	0	0	0.028	0.013	0	0E	---	---	27
28	---	0B	0.0098	0.148	0	0	0.024	0.013	0	0E	---	---	28
29	---		0 B	0.128	0	0	0.018	0.014	0	0E	---	---	29
30	---		0.7068	0.113	0	0	0.018	0.014	0	0E	---	---	30
31	---		2.63 B		0		0.014	0.013		0E	---	---	31
TOTAL	---	---	4.367	47.888	0.338	0	0.483	0.888	7.074	0	---	---	TOTAL
MEAN	---	---	0.138	1.80	0.011	0	0.018	0.031	0.238	0	---	---	MEAN
MAX	---	---	2.63	7.88	0.083	0	0.039	0.183	2.49	0	---	---	MAX
MIN	---	---	0	0.113	0	0	0	0.008	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 7.88 ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.42 AT 21:18 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 46 N
LONG 112 31 57 W
DRAINAGE AREA, 472 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	41.7
FEB	---	AUG	82.8
MAR	370	SEP	811
APR	4 130	OCT	0
MAY	39.3	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 380 dam³

MICHEL RESERVOIR NEAR ELKWATER - STATION NO. 11AB001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	303.713E	303.813	304.828	304.752	304.631	304.302	304.115	304.083	303.888	303.793E	---	1
2	---	303.713E	303.818	304.823	304.742	304.621	304.283	304.103	304.059	303.884	303.793E	---	2
3	---	303.713E	303.821	304.823	304.734	304.616	304.237	304.093	304.047	303.884	303.792E	---	3
4	---	303.714E	303.882	304.832	304.738	304.620	304.220	304.095	304.041	303.885	303.792E	---	4
5	---	303.714A	304.269	304.837	304.738	304.620	304.211	304.089	304.042	303.844	303.792E	---	5
6	---	303.714E	304.838	304.835	304.734	304.612	304.204	304.082	304.038	303.840	303.791E	---	6
7	---	303.714E	304.881	304.834	304.734	304.606	304.197	304.083	304.038	303.838	303.791E	---	7
8	---	303.715E	304.838	304.814	304.730	304.597	304.189	304.078	304.032	303.828	303.791E	---	8
9	---	303.715E	304.808	304.799	304.727	304.591	304.181	304.073	304.026	303.818	303.790E	---	9
10	---	303.718A	304.794	304.787	304.718	304.586	304.173	304.068	304.022	303.818	303.790A	---	10
11	---	303.718	304.785	304.798	304.714	304.579	304.168	304.067	304.021	303.821	---	---	11
12	---	303.720	304.786	304.783	304.710	304.575	304.165	304.067	304.018	303.824	---	---	12
13	303.705A	303.725	304.787	304.782	304.701	304.570	304.162	304.062	304.017	303.821	---	---	13
14	---	303.729	304.807	304.790	304.696	304.564	304.159	304.068	304.008	303.818	---	---	14
15	---	303.731	304.826	304.778	304.687	304.558	304.161	304.062	304.001	303.811	---	---	15
16	---	303.737	304.818	304.767	304.689	304.548	304.138	304.061	303.998	303.804	---	---	16
17	---	303.741	304.803	304.765	304.680	304.537	304.130	304.062	303.994	303.807	---	---	17
18	---	303.740	304.805	304.768	304.675	304.537	304.118	304.063	303.991	303.801	---	---	18
19	---	303.749	304.807	304.762	304.672	304.535	304.118	304.060	303.992	303.800	---	---	19
20	---	303.765	304.801	304.749	304.665	304.534	304.118	304.069	303.989	303.890	---	---	20
21	---	303.773	304.788	304.752	304.650	304.535	304.113	304.060	303.992	303.874	---	---	21
22	---	303.786	304.782	304.747	304.652	304.523	304.110	304.035	303.987	303.851	---	---	22
23	---	303.783	304.787	304.740	304.652	304.512	304.108	304.031	303.983	303.831	---	---	23
24	---	303.787	304.783	304.748	304.652	304.504	304.103	304.028	303.980	303.819	---	---	24
25	---	303.804	304.788	304.755	304.650	304.500	304.101	304.073	303.975	303.814	---	---	25
26	---	303.802	304.802	304.750	304.648	304.488	304.100	304.073	303.975	303.803	---	---	26
27	---	303.805	304.795	304.754	304.648	304.488	304.104	304.073	303.977	303.795A	---	---	27
28	---	303.804	304.782	304.767	304.652	304.489	304.110	304.074	303.978	303.795E	---	---	28
29	---		304.782	304.784	304.649	304.483	304.130	304.087	303.973	303.794E	---	---	29
30	---		304.793	304.785	304.648	304.442	304.141	304.081	303.973	303.794E	---	---	30
31	---		304.816		304.639		304.138	304.085		303.794E		---	31
MEAN	---	303.745	304.855	304.782	304.688	304.554	304.158	304.088	304.007	303.887	---	---	MEAN
MAX	---	303.808	304.881	304.837	304.752	304.631	304.302	304.115	304.083	303.888	---	---	MAX
MIN	---	303.712	303.813	304.740	304.638	304.442	304.100	304.031	303.973	303.784	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 304.881 ON MAR 7
MINIMUM DAILY, 303.705A ON JAN 13
MAXIMUM INSTANTANEOUS,
304.887 AT 04:32 CST ON MAR 7

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

REMARKS - DATA BEFORE 1983 PUBLISHED UNDER THE NAME "MICHELE RESERVOIR NEAR ELKWATER"

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 34 N
LONG 110 32 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
23.8 km²

MICHICHI CREEK AT DRUMHELLER - STATION NO. 05CE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	5.77	0.563	0	0	0	0.002	0	0	---	1
2	---	---	0 B	5.57	0.018	0	0	0	0.002	0	0	---	2
3	---	---	0 B	7.47	0.022	0	0	0.004	0.701	0	---	---	3
4	---	---	0 B	6.22	0.004	0	1.22	0.004	0.092	0	---	---	4
5	---	---	0.0308	4.11	0.063	0	0.201	0.108	0.011	0	---	---	5
6	---	---	0.1508	2.57	0.005	0	0.239	0.008	0.005	0	---	---	6
7	---	---	0.0908	1.26	0.005	0	0.088	0.003	0.003	0	---	---	7
8	---	---	0.0308	0.923	0.004	0	0.088	0.002	0.001	0	---	---	8
9	---	---	0 B	0.847	0.003	0	0.050	0.001	0.001	0	---	---	9
10	---	---	0 B	0.493	0.003	0	0.041	0.023	0.001	0	---	---	10
11	---	---	0 B	0.382	0.002	0	0.011	0.050	0.002	0	---	---	11
12	---	---	0.0608	0.311	0.001	0	0.007	0.005	0.001	0	---	---	12
13	---	---	0.1808	0.266	0.001	0	0.004	0.074	0.001	0	---	---	13
14	---	---	0.1758	0.220	0	0	0.003	0.183	0.001	0	---	---	14
15	---	---	0.1448	0.188	0	0	0.002	0.081	0.001	0	---	---	15
16	---	---	0.2308	0.148	0	0	0	0.011	0.002	0	---	---	16
17	---	---	0.2738	0.123	0	0	0	0.006	0.002	0	---	---	17
18	---	---	0.1518	0.109	0	0	0	0.003	0.001	0	---	---	18
19	---	---	0.1638	0.103	0	0	0.440	0.004	0	0	---	---	19
20	---	---	0.1438	0.087	0	0	0.018	0.003	0	0	---	---	20
21	---	---	0.1408	0.095	0	0	0.003	0.002	0	0	---	---	21
22	---	---	0.1988	0.072	0	0	0.003	0.002	0	0	---	---	22
23	---	0B	0.1528	0.055	0	0	0.004	0.001	0	0	---	---	23
24	---	0B	0.2038	0.050	0	0	0.003	0.001	0	0	---	---	24
25	---	0B	0.2108	0.028	0	0	0.001	0.001	0	0	---	---	25
26	---	0B	0.3178	0.010	0	0	0.018	0.001	0	0	---	---	26
27	---	0B	0.3358	0.005	0	0	0.005	0	0	0	---	---	27
28	---	0B	0.4208	0.004	0	0.002	0.003	0	0	0	---	---	28
29	---		0.5278	0.003	0	0	0.002	0.074	0	0	---	---	29
30	---		1.01 B	0.003	0	0	0.001	0.010	0	0	---	---	30
31	---		2.76		0		0	0.003		0		---	31
TOTAL	---	---	8.181	44.319	0.873	0.002	2.450	0.885	0.839	0	---	---	TOTAL
MEAN	---	---	0.263	1.48	0.002	0	0.079	0.021	0.028	0	---	---	MEAN
MAX	---	---	2.76	5.57	0.022	0.002	1.22	0.183	0.701	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.231
MAXIMUM DAILY, 5.57 ON APR 2
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 28 17 N
LONG 113 42 59 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	213
FEB	---	AUG	57.5
MAR	705	SEP	71.8
APR	3 830	OCT	0
MAY	8.31	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 4 880 dam³

MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY - STATION NO. 11AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.017E	0.022	1.85	0.048	0.028	0.021	0.014	0.012	0.011	---	---	1
2	---	0.017E	0.022	2.89	0.048	0.023	0.021	0.012	0.010	0.014	---	---	2
3	---	0.017A	0.021	2.42	0.043	0.022	0.021	0.012	0.008	0.018	---	---	3
4	---	0.018A	0.4848	2.33	0.041	0.022	0.019	0.010	0.013	0.013	---	---	4
5	---	0.018	2.07 B	2.88	0.040	0.022	0.022	0.009	0.014	0.012	---	---	5
6	---	0.018A	5.88 B	3.03	0.037	0.022	0.022	0.010	0.013	0.018	---	---	6
7	---	0.018	13.2 B	3.10	0.037	0.020	0.023	0.011	0.015	0.018	---	---	7
8	---	0.017	5.48 B	2.38	0.037	0.021	0.028	0.008	0.011	0.015	---	---	8
9	---	0.017	2.18 B	1.88	0.036	0.024	0.024	0.010	0.011	0.014	---	---	9
10	---	0.017	1.21 B	1.00	0.035	0.024	0.023	0.009	0.012	0.018	---	---	10
11	---	0.020A	0.9098	0.783	0.036	0.020	0.022	0.007	0.014	0.017	---	---	11
12	---	0.026	0.8518	0.691	0.033	0.021	0.021	0.007	0.014	0.040	---	---	12
13	---	0.034	0.8288	0.604	0.034	0.020	0.021	0.008	0.012	0.073	---	---	13
14	---	0.035	1.10 B	0.338	0.034	0.019	0.020	0.020	0.013	0.034	---	---	14
15	---	0.043	2.88 B	0.385	0.036	0.020	0.019	0.024	0.013	0.035	---	---	15
16	---	0.039	3.56 B	0.287	0.033	0.021	0.018	0.014	0.011	0.032	---	---	16
17	---	0.038	2.13	0.268	0.034	0.020	0.017	0.011	0.010	0.023	---	---	17
18	---	0.051	1.80	0.318	0.034	0.022	0.024	0.011	0.013	0.019	---	---	18
19	---	0.048	1.71	0.335	0.034	0.026	0.028	0.010	0.010	0.015	---	---	19
20	---	0.041	1.55	0.380	0.032	0.038	0.028	0.009	0.012	0.022	---	---	20
21	---	0.038	1.03	0.187	0.033	0.031	0.022	0.008	0.012	0.018	---	---	21
22	---	0.034	0.788	0.138	0.033	0.027	0.023	0.008	0.017	0.018	---	---	22
23	---	0.031	0.678	0.108	0.033	0.024	0.017	0.011	0.014	0.015	---	---	23
24	---	0.038	0.347	0.080	0.033	0.023	0.008	0.028	0.013	0.018	---	---	24
25	---	0.027	0.348	0.083	0.036	0.023	0.004	0.029	0.012	0.021	---	---	25
26	---	0.028	0.810	0.078	0.036	0.022	0.012	0.018	0.014	0.0178	---	---	26
27	---	0.023	1.18 A	0.073	0.037	0.021	0.018	0.018	0.014	0.018E	---	---	27
28	---	0.021	0.846E	0.068	0.034	0.021	0.017	0.013	0.012	0.018E	---	---	28
29	---		0.621E	0.068	0.031	0.023	0.018	0.012	0.017	0.018E	---	---	29
30	---		0.332A	0.064	0.030	0.023	0.026	0.014	0.014	0.018E	---	---	30
31	---		0.484		0.028		0.018	0.014		0.018E	---	---	31
TOTAL	---	0.760	83.882	27.892	1.105	0.883	0.810	0.399	0.380	0.631	---	---	TOTAL
MEAN	---	0.027	1.74	0.929	0.036	0.023	0.030	0.013	0.013	0.020	---	---	MEAN
MAX	---	0.051	13.2	3.10	0.048	0.038	0.028	0.029	0.017	0.073	---	---	MAX
MIN	---	0.016	0.032	0.064	0.028	0.019	0.004	0.007	0.008	0.011	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.318
MAXIMUM DAILY, 13.20 ON MAR 7
MINIMUM DAILY, 0.004 ON JUL 25
MAXIMUM INSTANTANEOUS,
16.18 AT 05:55 CST ON MAR 7

SUMMARY FOR THE MONTHS FEB TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 29 N
LONG 110 03 09 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83.7
FEB	85.7	AUG	34.5
MAR	4 660	SEP	33.7
APR	2 410	OCT	84.5
MAY	95.5	NOV	---
JUN	59.5	DEC	---

TOTAL DISCHARGE, 7 470 dam³

MIETTE RIVER NEAR JASPER - STATION NO. 07AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.06 B	0.7868	0.4808	1.23	18.1	25.8	25.5	46.0	8.40	4.14	3.71	1.40 B	1
2	1.07 B	0.7368	0.4808	1.33	24.2	30.4	25.2	47.3	8.75	4.02	3.24	1.85 B	2
3	0.8848	0.6338	0.6808	1.58	18.1	31.8	28.5	37.2	11.8	4.18	3.10	1.87 B	3
4	0.8388	0.8748	0.8808	1.77	14.3	30.5	28.3	31.7	8.38	6.17	2.77	1.83 B	4
5	0.8068	0.7128	0.7608	1.97	13.38	47.3	30.4	33.2	8.61	5.16	2.88	1.48 B	5
6	0.7888	0.7238	1.00 B	2.04	12.88	60.7	26.0	24.3	7.98	4.67	2.88	1.80 B	6
7	0.8708	0.8878	1.44 B	2.07	18.0E	54.4	19.9	22.0	7.33	4.20	2.33	1.58 B	7
8	0.8908	0.8208	1.30 B	2.08	20.0E	50.9	18.0	17.7	6.97	3.77	2.48	1.50 B	8
9	0.8008	0.8118	1.00 B	1.97	32.0E	54.8	18.7	18.7	6.82	3.37	2.20	1.44 B	9
10	1.13 B	0.8188	0.8108	2.02	38.8E	56.8	20.2	18.8	6.65	3.39	2.48	1.48 B	10
11	1.09 B	0.8128	0.8008	2.04	41.0E	47.7	18.4	18.4	6.46	3.53	2.38	1.40 B	11
12	1.05 B	0.8068	1.06 B	1.78	34.0E	52.8	16.2	13.9	6.35	3.30	2.46	1.28 B	12
13	0.9108	0.8748	1.03 B	1.84	40.2E	73.0	14.3	14.6	6.43	3.02	2.36	0.8018	13
14	0.8208	0.8888	1.04 B	1.84	41.2E	67.1	14.4	12.3	6.22	3.06	2.42	1.08 B	14
15	0.7008	0.8488	1.03 B	1.88	34.0E	59.5	13.8	10.7	6.14	2.81	2.08	1.24 B	15
16	0.8508	0.8748	1.02 B	1.70	39.8E	53.8	11.8	10.8	7.70	2.92	1.82	1.11 B	16
17	0.8808	0.8618	1.07 B	1.87	37.8E	43.7	10.4	10.5	8.32	2.87	0.7748	1.13 B	17
18	0.8608	0.4008	1.04 B	1.83	28.8E	37.4	9.15	9.80	5.80	2.44	1.43 B	1.48 B	18
19	0.8508	0.3508	1.03 B	1.47	28.2E	37.4	8.82	10.2	5.36	2.50	2.04 B	1.38 B	19
20	0.8208	0.4208	1.04 B	1.41	27.2E	38.3	8.86	14.8	5.08	2.48	2.25 B	1.32 B	20
21	0.8688	0.3608	0.8588	1.42	27.4E	41.6	8.21	18.4	5.02	2.84	2.43 B	1.24 B	21
22	0.8548	0.3308	0.8388	1.45	22.0E	38.4	8.78	14.2	5.01	2.18	2.28 B	1.04 B	22
23	0.8438	0.3208	1.01 B	1.38	18.8E	27.8	10.7	12.2	4.92	2.26	2.07 B	0.9038	23
24	0.8788	0.4008	1.05 B	1.40	17.8E	20.6	10.1	11.7	4.84	2.58	1.83 B	0.7828	24
25	0.8628	0.4808	1.09 B	1.38	16.0E	18.3	10.8	10.8	4.70	2.58	1.76 B	0.7338	25
26	0.8388	0.8708	0.8708	1.41	25.0E	21.8	12.8	9.87	5.08	2.43	1.48 B	0.6708	26
27	0.8868	0.8708	0.7808	1.48	31.8A	26.5	11.5	9.28	4.92	2.42	1.70 B	0.8938	27
28	0.9038	0.8208	0.8608	2.44	38.4	28.1	11.0	8.15	4.48	2.48	1.40 B	0.8748	28
29	0.8838		0.958	4.84	34.8	35.8	10.8	10.3	4.36	2.81	0.9888	0.8708	29
30	0.8678		0.980	10.4	29.8	38.1	10.8	8.88	4.18	3.86	1.04 B	0.8188	30
31	0.8088		1.12		30.7		14.7	8.88		3.81		0.4878	31
TOTAL	28.301	16.887	28.314	62.31	826.9	1 208.0	478.64	541.22	184.83	101.33	64.772	36.803	TOTAL
MEAN	0.910	0.887	0.948	2.07	26.7	40.2	15.5	17.5	8.49	3.27	2.16	1.18	MEAN
MAX	1.13	0.788	1.48	10.4	41.2	73.0	30.4	47.3	11.8	8.17	3.71	1.85	MAX
MIN	0.870	0.320	0.480	1.33	12.8	18.3	8.82	8.88	4.18	3.18	0.774	0.487	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.82
MAXIMUM DAILY, 73.0 ON JUN 13
MINIMUM DAILY, 0.3208 ON FEB 22
MAXIMUM INSTANTANEOUS,
77.2 AT 23:15 MST ON JUN 13

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 50 N
LONG 118 08 21 W
DRAINAGE AREA, 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 440	JUL	41 400
FEB	1 350	AUG	48 400
MAR	2 830	SEP	18 400
APR	8 370	OCT	8 780
MAY	71 400	NOV	8 600
JUN	104 000	DEC	3 070

TOTAL DISCHARGE, 310 000 dam³

MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.888	13.8	7.14	15.7	14.8	15.1	15.3	1.67	---	---	1
2	---	---	1.888	13.0	7.14	15.8	13.8	16.0	15.8	1.62	---	---	2
3	---	---	1.888	12.8	8.62	15.2	13.8	14.2	15.7	1.35	---	---	3
4	---	---	1.708	13.1	8.80	14.7	13.8	14.2	15.3	1.33	---	---	4
5	---	---	2.638	16.6	8.76	14.8	13.8	14.4	15.8	1.22	---	---	5
6	---	---	5.668	32.8	8.80	15.2	14.1	14.1	15.2	1.22	---	---	6
7	---	---	4.258	38.1	9.20	15.4	14.8	13.7	15.3	1.27	---	---	7
8	---	---	3.408	33.1	9.09	15.9	14.8	14.8	15.8	1.27	---	---	8
9	---	---	7.088	28.8	8.88	15.0	14.8	13.8	15.8	1.22	---	---	9
10	---	---	8.238	20.1	8.31	15.7	13.1	13.7	15.3	1.26E	---	---	10
11	---	---	5.668	16.1	8.16	15.8	9.48	13.7	15.0	1.28E	---	---	11
12	---	---	5.388	17.7	10.0	15.8	7.62	14.0	15.5	1.28E	---	---	12
13	---	---	5.388	16.8	10.7	15.8	8.51	14.0	11.8	1.22E	---	---	13
14	---	---	7.088	16.8	10.8	15.8	8.37	14.7	8.38	1.22E	---	---	14
15	---	---	14.2 B	15.0	11.3	15.7	8.78	15.8	8.29	1.22E	---	---	15
16	---	---	16.3	13.8	12.8	15.7	8.17	17.3	8.15	1.22E	---	---	16
17	---	---	17.2	11.4	14.8	13.8	8.82	16.8	4.83	1.22E	---	---	17
18	---	---	16.8	10.1	15.6	11.8	8.03	16.8	3.71	1.22E	---	---	18
19	---	---	15.1	8.16	17.8	11.8	12.8 E	14.8	3.48	1.25E	---	---	19
20	---	---	14.8	8.87	16.5	14.8	13.3 E	14.8	3.11	1.26E	---	---	20
21	---	---	14.7	8.83	16.0	16.8	14.8	14.8	2.78	1.25E	---	---	21
22	---	---	13.8	7.16	16.8	16.8	14.1	14.8	2.61	1.27E	---	---	22
23	---	1.808	13.4	8.85	14.8	17.3	13.4	16.0	2.48	1.27E	---	---	23
24	---	---	13.1	7.70	17.4	16.3	13.8	16.7E	2.27	1.27E	---	---	24
25	---	---	12.8	7.08	17.8	15.7	14.2	22.1	2.12	1.27E	---	---	25
26	---	---	13.2	8.48	16.8	16.1	14.7	19.7	1.83	1.30E	---	---	26
27	---	---	14.2	8.87	13.8	16.8	16.8	19.7	2.01	1.30E	---	---	27
28	---	---	14.8	8.82	13.1	15.3	26.3	17.7	2.07	1.30E	---	---	28
29	---		14.2 B	7.26	10.3	15.1	29.2	16.4	2.12	1.27E	---	---	29
30	---		13.8	7.11	10.8	14.8	20.0	16.0	1.87	1.27E	---	---	30
31	---		10.3		10.8		17.8	17.8		1.27E		---	31
TOTAL	---	---	299.83	424.87	384.80	484.8	426.59	488.7	283.78	39.17	---	---	TOTAL
MEAN	---	---	9.88	14.2	11.8	15.5	13.7	15.8	8.78	1.26	---	---	MEAN
MAX	---	---	17.2	38.1	16.5	16.8	26.2	22.1	15.8	1.47	---	---	MAX
MIN	---	---	1.88	8.87	8.80	11.8	8.37	13.7	1.87	1.22	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 38.1 ON APR 7
MINIMUM DAILY, 1.22 ON OCT 4
MAXIMUM INSTANTANEOUS,
44.5 AT 21:30 MST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 03 N
LONG 110 28 30 W
DRAINAGE AREA, 8 490 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1917

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	38 800
FEB	---	AUG	42 200
MAR	25 600	SEP	22 800
APR	36 700	OCT	3 380
MAY	31 500	NOV	---
JUN	40 100	DEC	---

TOTAL DISCHARGE, 239 000 dam³

MILK RIVER AT MILK RIVER - STATION NO. 11AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8208	0.7288	0.8448	13.7	8.82	17.8	15.0	14.8	15.7	1.07	0.814	1.05 B	1
2	0.8278	0.8638	0.8888	14.2	7.73	17.1	15.1	14.8	15.5	1.12	0.818	0.8588	2
3	0.7778	0.7278	1.12 B	17.0	9.48	16.8	15.3	14.5	15.4	1.08	0.827	1.12 B	3
4	0.7818	0.8748	1.84 B	25.1	9.84	17.0	15.2	14.8	15.3	0.926	0.880	1.14 B	4
5	0.8838	0.8888	2.38 B	32.7	9.37	17.3	15.3	14.3	15.4	0.877A	0.827	1.13 B	5
6	0.8878	1.11 B	8.80 B	32.4	9.04	17.3	15.4	14.3	15.4	0.847A	0.821	1.16 B	6
7	0.4508	1.30 B	8.40 B	24.2	8.86	17.2	14.8	14.8	15.3	0.883	0.848	1.16 B	7
8	0.8718	1.22 B	8.78 B	17.4	9.86	17.4	10.8	14.8	15.3	0.831	0.858	0.8708	8
9	0.8808	1.13 B	3.73 B	15.0	12.8	17.8	7.63	14.8	15.2	0.813	0.867	1.01 B	9
10	0.8528	1.04 B	3.83 B	13.7	13.2	17.8	8.38	14.7	11.8	0.833	0.882	0.8888	10
11	0.8588	1.38 B	8.83 B	12.8	13.8	17.4	7.47	14.8	8.83	0.844	0.838	0.8308	11
12	0.8888	1.25 B	11.1 B	12.1	13.8	17.8	8.88	14.8	4.14	0.874	0.802	0.8508	12
13	0.8478	1.18 B	16.4 B	10.8	14.8	17.8	8.73	15.0	2.88	0.888	0.800	0.7088	13
14	0.4808	1.18 B	16.8 B	8.72	15.8	16.8	8.48	15.8	2.12	0.878	0.808	0.4918	14
15	0.4808	1.11 B	17.3 B	8.83	16.8	13.8	10.2	16.3	1.88	0.801	0.7838	0.4138	15
16	0.3618	1.02 B	16.8 B	8.18	17.7	13.3	11.7	15.8	1.43	0.820	0.8588	0.2848	16
17	0.2408	1.04 B	15.4	8.88	18.8	13.3	12.8	15.7	1.48	0.850	0.7808	0.2128	17
18	0.2358	0.9588	15.5	8.40	18.8	14.8	14.3	16.1	1.38	0.876	0.805	0.2848	18
19	0.2408	0.8888	15.8	7.86	17.9	16.8	15.8	16.1	1.35	0.886	0.827	0.2858	19
20	0.3708	0.8508	15.5	8.85	16.0	16.8	15.0	16.1	1.30	0.889	1.04	0.3838	20
21	0.2808	0.8148	14.8	7.37	15.0	16.8	16.2	15.8	1.22	1.02	1.17	0.5838	21
22	0.3148	0.7808	14.6	8.60	16.4	16.3	16.3	15.8	1.17	1.00	1.26	0.5048	22
23	0.3388	0.7208	14.8	8.00	16.4	16.3	16.1	15.8	1.07	0.986	0.878	0.3488	23
24	0.3568	0.7008	14.3	8.83	14.3	16.1	15.6	16.1	0.887	0.966	0.881	0.2388	24
25	0.3838	0.6808	14.1	7.38	11.7	16.8	20.8	16.2	0.838	0.870	1.37	0.1818	25
26	0.3888	0.8858	14.1	7.31	10.3	16.8	18.8	16.7	0.833	0.862	1.20	0.1488	26
27	0.4208	0.7008	13.8	7.08	10.7	16.4	17.0	17.2	0.838	0.833	1.28	0.1288	27
28	0.4718	0.7588	13.2	8.84	11.8	16.3	16.7	16.8	0.882	0.887	0.8788	0.1228	28
29	0.5148		13.7	8.76	16.8	16.1	15.3	16.3	0.887	0.884	1.05 B	0.0908	29
30	0.5728		13.2	8.85	16.7	16.0	15.4	16.1	1.01	0.901	1.10 B	0.0808	30
31	0.5868		13.0		16.8		15.4	16.8		0.908		0.0908	31
TOTAL	16.362	28.753	339.780	381.86	426.24	488.8	428.75	488.4	184.884	28.781	29.010	18.001	TOTAL
MEAN	0.488	0.885	11.0	12.1	13.8	16.3	13.8	15.7	8.18	0.928	0.967	0.881	MEAN
MAX	0.837	1.38	17.3	32.7	18.7	17.8	20.8	18.2	15.7	1.12	1.37	1.16	MAX
MIN	0.228	0.683	0.844	8.89	8.82	13.3	8.38	14.3	0.882	0.813	0.858	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 32.7 ON APR 6
MINIMUM DAILY, 0.0808 ON DEC 30
MAXIMUM INSTANTANEOUS,
40.8 AT 02:27 MST ON APR 6

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 112 04 44 W
DRAINAGE AREA, 2 730 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 330	JUL	37 000
FEB	2 310	AUG	41 800
MAR	28 400	SEP	16 000
APR	31 300	OCT	2 490
MAY	37 000	NOV	3 510
JUN	42 000	DEC	1 560

TOTAL DISCHARGE, 248 000 dam³

MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5568	2.06	2.26	1.76	0.067	0.673	0.717	0.800	0.583	---	1
2	---	---	0.4668	4.18	2.47	1.41	0.081	0.823	0.633	0.703	0.588	---	2
3	---	---	0.6208	7.42	2.46	1.18	0.028	0.606	0.586	0.642	0.581A	---	3
4	---	---	1.66 B	15.0 A	2.06	1.03	0.017	0.586	0.536	0.589	---	---	4
5	---	---	3.30 B	16.7 A	1.85	0.893	0.018	0.606	0.606	0.585	---	---	5
6	---	---	5.00 B	11.4	1.70	0.782	0.018	0.587	0.473	0.542	---	---	6
7	---	---	3.80 B	7.13	1.59	0.672	0.188	0.581	0.463	0.533	---	---	7
8	---	---	3.00 B	6.17	1.50	0.606	0.182	0.586	0.515	0.524	---	---	8
9	---	---	2.43 B	4.30	1.37	0.631	0.186	0.576	0.526	0.520	---	---	9
10	---	---	2.27 B	3.59	1.28	0.526	0.121	0.574	0.517	0.528	---	---	10
11	---	---	2.24 B	3.32	1.13	0.526	0.088	0.533	0.527	0.556	---	---	11
12	---	---	2.21 B	2.88	1.06	0.686	0.088	0.518	0.512	0.553	---	---	12
13	---	---	2.19 B	2.61	1.01	0.857	0.048	0.488	0.478	0.557	---	---	13
14	---	---	1.86 B	2.22	0.970	0.427	0.032	0.802	0.464	0.558	---	---	14
15	---	---	2.09	2.07	0.862	0.328	0.020	0.686	0.448	0.585	---	---	15
16	---	---	1.78	2.11	1.02	0.301	0.012	1.10	0.490	0.588	---	---	16
17	---	---	1.64	2.84	1.02	0.284	0.014	1.58	0.574	0.604	---	---	17
18	---	---	1.68	3.62	1.02	0.312	0.088	1.20	0.557	0.618	---	---	18
19	---	---	1.50	5.06	0.828	0.373	0.555	0.936	0.685	0.854	---	---	19
20	---	---	1.12	4.63	0.807	0.372	2.48	0.833	0.718	0.843	---	---	20
21	---	---	1.08	3.55	0.765	0.462	2.81	0.720	0.686	0.821	---	---	21
22	---	---	1.08	2.83	0.782	0.745	1.85	0.621	0.607	0.802	---	---	22
23	---	---	1.10	2.67	0.822	0.656	1.54	0.589	0.586	0.867	---	---	23
24	---	---	1.20	2.72	0.846	0.385	8.70	2.07	0.538	0.862	---	---	24
25	---	---	1.22	3.80	1.08	0.286	7.13	1.02	0.511	0.883	---	---	25
26	---	0.4788	1.48	2.47	1.12	0.218	4.13	2.07	0.523	0.843	---	---	26
27	---	0.4588	1.56	3.38	1.83	0.180	2.80	1.89	0.544	0.556	---	---	27
28	---	0.4378	1.01 B	2.27	3.83	0.138	1.99	1.54	0.589	0.857	---	---	28
29	---		1.10 B	3.22	5.19	0.108	1.66	1.23	0.858	0.880	---	---	29
30	---		1.21 B	2.17	3.61	0.088	1.28	0.988	0.851	0.546	---	---	30
31	---		1.87		2.38		1.05	0.841		0.546	---	---	31
TOTAL	---	---	55.732	138.79	48.895	17.001	38.861	28.488	17.041	18.154	---	---	TOTAL
MEAN	---	---	1.80	4.58	1.61	0.567	1.25	0.831	0.568	0.588	---	---	MEAN
MAX	---	---	5.00	18.7	5.19	1.76	8.70	2.07	0.851	0.800	---	---	MAX
MIN	---	---	0.466	2.06	0.807	0.068	0.012	0.486	0.448	0.520	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 18.7A ON APR 5
MINIMUM DAILY, 0.012 ON JUL 18
MAXIMUM INSTANTANEOUS,
33.1 AT 18:03 MST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 27 N
LONG 112 32 42 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 360
FEB	---	AUG	2 480
MAR	4 810	SEP	1 470
APR	11 800	OCT	1 570
MAY	4 310	NOV	---
JUN	1 470	DEC	---

TOTAL DISCHARGE, 31 300 dam³

MILK RIVER RIDGE RESERVOIR - STATION NO. 05AF030

DAILY WATER LEVEL IN METRES FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1031.631E	1021.585	1021.059	1022.740	1022.606	1022.003	1021.777	1020.529	1021.128	---	1
2	---	---	1021.624A	1021.571	1021.075	1022.786	1022.619	1021.990	1021.710	1020.486	1021.126	---	2
3	---	---	1021.617	1021.576	1021.101	1022.797	1022.615	1021.981	1021.636	1020.503	1021.121	---	3
4	---	---	1021.613	1021.586	1021.149	1023.802	1022.597	1021.963	1021.587	1020.536	1021.115A	---	4
5	---	---	1021.614	1021.606	1021.186	1022.762	1022.580	1021.966	1021.536	1020.582	---	---	5
6	---	---	1021.608	1021.610	1021.288	1022.699	1022.576	1021.963	1021.487	1020.634	---	---	6
7	---	---	1021.492	1021.612	1021.344	1022.684	1022.576	1022.007	1021.413	1020.582	---	---	7
8	---	---	1021.473	1021.606	1021.413	1022.624	1022.583	1022.028	1021.384	1020.580	---	---	8
9	---	---	1021.474	1021.600	1021.487	1022.586	1022.556	1022.051	1021.304	1020.584	---	---	9
10	---	---	1021.488	1021.600	1021.572	1022.576	1022.511	1022.055	1021.276	1020.777	---	---	10
11	---	---	1021.526	1021.588	1021.588	1022.572	1022.483	1022.073	1021.265	1020.836	---	---	11
12	---	---	1021.539	1021.600	1021.602	1022.586	1022.466	1022.084	1021.262	1021.088	---	---	12
13	---	---	1021.532	1021.605	1021.602	1022.559	1022.436	1022.084	1021.253	1021.126	---	---	13
14	---	---	1021.542	1021.603	1021.582	1022.561	1022.416	1022.101	1021.248	1021.147	---	---	14
15	---	---	1031.539	1021.602	1022.051	1022.550	1022.381	1022.078	1021.236	1021.148	---	---	15
16	---	---	1031.536	1021.602	1022.071	1022.513	1022.341	1022.048	1021.178	1021.149	---	---	16
17	---	---	1021.544	1021.593	1022.094	1022.502	1022.316	1022.041	1021.148	1021.144	---	---	17
18	---	---	1021.543	1021.588	1022.101	1022.504	1022.335	1022.031	1021.113	1021.142	---	---	18
19	---	---	1021.556	1021.578	1022.088	1022.561	1022.364	1022.016	1021.089	1021.137	---	---	19
20	---	---	1021.570	1021.584	1022.110	1023.591	1022.378	1022.027	1021.078	1021.144	---	---	20
21	---	---	1021.567	1021.588	1022.155	1022.718	1022.388	1022.062	1021.071	1021.137	---	---	21
22	---	---	1021.564	1021.588	1022.222	1022.700	1022.333	1022.087	1021.063	1021.138	---	---	22
23	---	---	1021.570	1021.584	1022.290	1022.700	1022.306	1022.058	1021.064	1021.135	---	---	23
24	---	---	1021.569	1021.581	1022.355	1022.680	1022.270	1022.066	1021.033	1021.130	---	---	24
25	---	---	1021.573	1021.545	1022.406	1022.660	1022.234	1022.093	1020.989	1021.123	---	---	25
26	---	---	1021.566	1021.534	1022.469	1022.623	1022.193	1022.033	1020.893	1021.122	---	---	26
27	---	---	1021.564	1021.502	1022.539	1022.586	1022.151	1022.018	1020.817	1021.127	---	---	27
28	---	---	1021.566	1021.382	1022.622	1022.560	1022.089	1021.960	1020.736	1021.126	---	---	28
29	---		1021.560	1021.269	1022.666	1022.591	1023.048	1021.928	1020.667	1021.132	---	---	29
30	---		1021.567	1021.139	1022.722	1022.556	1022.026	1021.878	1020.576	1021.136	---	---	30
31	---		1021.567		1022.731		1022.017	1021.829		1021.134		---	31
MEAN	---	---	1021.538	1021.550	1021.926	1022.535	1022.380	1022.030	1021.184	1020.966	---	---	MEAN
MAX	---	---	1021.573	1021.612	1022.731	1023.802	1022.619	1022.101	1021.777	1021.148	---	---	MAX
MIN	---	---	1021.473	1021.126	1021.059	1022.503	1022.017	1021.829	1020.576	1020.486	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1023.802 ON JUN 4

MAXIMUM INSTANTANEOUS,
1023.813 AT 14:55 MST ON JUN 4

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 9.741 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1967

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 00 N
LONG 112 35 39 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED

DRAINAGE AREA,
180 km²

MINERS COULEE NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0208	0.054	0.005	0	0	0	0	0.001	0.002	---	1
2	---	---	0.0208	0.051	0.005	0	0	0	0	0.001	0.001A	---	2
3	---	---	0.0268	0.048	0.005	0	0	0	0	0.001	---	---	3
4	---	---	0.0328	0.042	0.005	0	0	0	0	0.001	---	---	4
5	---	---	0.0368	0.050	0.004	0	0	0	0	0.001	---	---	5
6	---	---	0.0408	0.055	0.004	0	0	0	0	0.001	---	---	6
7	---	---	0.0268	0.048	0.004	0	0	0	0	0.001	---	---	7
8	---	---	0.0188	0.036	0.003	0	0	0	0.008	0.001	---	---	8
9	---	---	0.0168	0.029	0.003	0	0	0	0.011	0.001	---	---	9
10	---	---	0.0178	0.026	0.002	0	0	0	0.010	0.001	---	---	10
11	---	---	0.0188	0.023	0.002	0	0	0	0.008	0.001	---	---	11
12	---	---	0.0188	0.029	0.001	0	0	0	0.008	0.001	---	---	12
13	---	---	0.0188	0.026	0.001	0	0	0	0.008	0.001	---	---	13
14	---	---	0.0188	0.023	0	0	0	0	0.004	0.001	---	---	14
15	---	---	0.0218	0.019	0	0	0	0	0.002	0.001	---	---	15
16	---	---	0.0228	0.018	0.001	0	0	0	0.001	0.001	---	---	16
17	---	---	0.0228	0.016	0	0	0	0	0.001	0.001	---	---	17
18	---	---	0.0218	0.015	0	0	0	0	0.001	0.001	---	---	18
19	---	---	0.0208	0.013	0	0	0	0	0.001	0.001	---	---	19
20	---	---	0.0228	0.012	0	0	0	0	0.001	0.001	---	---	20
21	---	---	0.0228	0.012	0	0	0	0	0.001	0.001	---	---	21
22	---	---	0.0188	0.011	0	0	0	0	0.001	0.001	---	---	22
23	---	---	0.0178	0.011	0	0	0	0	0.001	0.001	---	---	23
24	---	0.0288	0.0188	0.011	0	0	0	0	0.001	0.001	---	---	24
25	---	0.0268	0.0238	0.010	0.001	0	0	0	0.001	0.001	---	---	25
26	---	0.0248	0.0348	0.009	0.003	0	0	0	0.001	0.001	---	---	26
27	---	0.0228	0.0338	0.008	0.005	0	0	0	0.001	0.001	---	---	27
28	---	0.0218	0.0448	0.008	0.003	0	0	0	0.001	0.001	---	---	28
29	---		0.0228	0.007	0.001	0	0	0	0.001	0.001	---	---	29
30	---		0.0248	0.007	0	0	0	0	0.001	0.001	---	---	30
31	---		0.039		0		0	0		0.002		---	31
TOTAL	---	---	0.744	0.736	0.060	0	0	0	0.073	0.032	---	---	TOTAL
MEAN	---	---	0.024	0.025	0.002	0	0	0	0.002	0.001	---	---	MEAN
MAX	---	---	0.044	0.061	0.005	0	0	0	0.011	0.002	---	---	MAX
MIN	---	---	0.015	0.007	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.061 ON APR 2
MINIMUM DAILY, 0 ON MAY 14
MAXIMUM INSTANTANEOUS,
0.0838 AT 08:30 MST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 05 N
LONG 111 24 10 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	64.3	SEP	6.31
APR	63.6	OCT	2.76
MAY	5.18	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 142 dam³

MINISTIK LAKE NEAR NEW SAREPTA - STATION NO. 05EB013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	757.051	757.011	756.906	756.948	756.973	756.978	---	---	1
2	---	---	---	---	757.054	757.010	756.885	756.973	756.992	756.976	---	---	2
3	---	---	---	---	757.049	756.986	756.900	756.971	757.051	756.976	---	---	3
4	---	---	---	---	757.049	756.983	756.894	756.970	757.051	756.982	---	---	4
5	---	---	---	---	757.044	756.981	756.892	756.989	757.050	756.972	---	---	5
6	---	---	---	---	757.042	756.982	756.906	757.008	757.049	756.968	---	---	6
7	---	---	---	---	757.037	756.989	756.903	757.006	757.038	756.971	---	---	7
8	---	---	---	---	757.037	756.988	756.906	757.005	757.038	756.982	---	---	8
9	---	---	---	---	757.031	756.984	756.926	757.000	757.036	756.982	---	---	9
10	---	---	---	---	757.029	---	756.926	757.012	757.030	756.981	---	---	10
11	---	---	---	---	757.022	---	756.920	757.014	757.026	756.981	---	---	11
12	---	---	---	---	757.025	---	756.917	757.008	757.021	756.986	---	---	12
13	---	---	---	---	757.023	---	756.917	757.006	757.026	756.981	---	---	13
14	---	---	---	---	757.014	---	756.915	757.002	757.011	756.984	---	---	14
15	---	---	---	---	757.014	---	756.910	756.998	757.013	756.983	---	---	15
16	---	---	---	---	757.008	---	756.916	757.000	757.013	756.983	---	---	16
17	---	---	---	---	756.998	---	756.921	757.001	757.007	756.987	---	---	17
18	---	---	---	---	756.998	---	756.917	756.995	757.006	756.985	---	---	18
19	---	---	---	---	757.032	---	756.924	756.992	757.000	756.948	---	---	19
20	---	---	---	---	757.028	---	756.926	756.991	756.997	756.941	---	---	20
21	---	---	---	---	757.025	---	756.928	757.000	756.998	756.949	---	---	21
22	---	---	---	---	757.026	---	756.927	756.998	756.998	756.943	---	---	22
23	---	---	---	---	757.025	---	756.926	756.994	757.000	756.931	---	---	23
24	---	---	---	---	757.022	756.918A	756.924	756.993	756.994	756.934	---	---	24
25	---	756.964A	756.994A	---	757.018	756.905	756.918	756.992	756.995	756.941	---	---	25
26	---	---	---	---	757.015	756.902	756.917	756.984	756.998	756.944	---	---	26
27	---	---	---	---	757.014	756.902	756.910	756.982	756.991	756.938	---	---	27
28	---	---	---	757.084A	757.010	756.905	756.906	756.984	756.986	756.934A	---	---	28
29	---		---	757.083	757.015	756.900	756.889	756.985	756.985	---	---	---	29
30	---		---	757.086	757.007	756.909	756.901	756.976	756.987	---	---	---	30
31	---		---		757.005		756.923	756.977		---	---	---	31
MEAN	---	---	---	---	757.026	---	756.914	756.992	757.012	---	---	---	MEAN
MAX	---	---	---	---	757.054	---	756.929	757.014	757.051	---	---	---	MAX
MIN	---	---	---	---	756.998	---	756.892	756.948	756.973	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 47 N
LONG 113 03 20 W

A - MANUAL GAUGE

DRAINAGE AREA,
99.3 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MIQUELON LAKE AT PROVINCIAL PARK - STATION NO. 05EB014

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	782.807	---	782.529	782.578	782.634	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	782.882	---	782.598	---	782.628	---	---	3
4	---	---	---	---	---	---	782.617	---	782.686	---	---	---	4
5	---	---	---	---	---	782.859	---	---	782.686	782.624	---	---	5
6	---	---	---	---	---	782.859	---	782.832	782.686	782.624	---	---	6
7	---	---	---	---	---	---	782.529	782.832	---	---	---	---	7
8	---	---	---	782.858	---	---	---	782.828	782.688	---	---	---	8
9	---	---	---	---	782.804	---	---	782.828	782.691	782.616	---	---	9
10	---	---	---	---	782.814	782.585	782.529	---	782.693	---	---	---	10
11	---	---	---	---	782.807	782.589	782.526	---	---	---	---	---	11
12	---	---	---	---	---	---	782.526	782.634	782.680	---	---	---	12
13	---	---	---	---	782.595	782.589	---	782.634	---	782.610	---	---	13
14	---	---	---	---	---	---	---	782.634	782.678	---	---	---	14
15	---	---	---	---	---	---	782.516	782.628	---	782.608	---	---	15
16	---	---	---	---	782.588	782.587	782.516	---	782.688	---	---	---	16
17	---	---	---	---	782.583	782.583	782.516	782.632	782.688	782.604	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	782.588	782.526	---	---	782.592	---	---	19
20	---	---	---	---	---	782.577	---	782.644	---	---	---	---	20
21	---	---	---	---	782.603	---	---	782.644	782.684	---	---	---	21
22	---	---	---	---	782.604	---	782.522	782.644	782.684	782.580	---	---	22
23	---	---	---	---	782.598	782.587	782.520	782.642	782.653	---	---	---	23
24	---	---	---	---	782.601	782.529	---	---	782.650	782.584	---	---	24
25	---	782.484	782.488	---	782.598	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	782.513	782.638	782.644	---	---	---	26
27	---	---	---	---	782.588	782.583	---	782.638	---	782.583	---	---	27
28	---	---	---	782.804	782.598	782.545	782.508	---	782.636	782.578	---	---	28
29	---		---	---	---	---	---	782.638	---	---	---	---	29
30	---		---	---	---	782.541	782.508	---	782.632	---	---	---	30
31	---		---		782.583		---	---		782.581		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 14 47 N
LONG 112 54 24 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 38.3 km²

MISTAYA RIVER NEAR SASKATCHEWAN CROSSING - STATION NO. 05DA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5708	0.4288	0.5708	0.6808	5.73	8.12	18.1	23.7	11.1	4.89	1.83	0.8138	1
2	0.6508	0.3808	0.6508	0.6708	6.18	7.15	21.4	16.3	13.7	4.58	1.80	0.8728	2
3	0.6788	0.3628	0.7408	0.6408	6.91	8.46	24.1	15.3	12.2	4.78	1.61	0.8508	3
4	0.5848	0.5248	0.8808	0.5508	5.84	8.48	28.1	15.0	10.6	5.20	1.85	0.8898	4
5	0.4618	0.5628	1.20 E	0.5408	4.83	9.04	28.5	15.8	10.0	4.89	1.82	1.18 E	5
6	0.3808	0.4978	1.15 E	0.8308	5.00	14.8	28.4	15.1	10.2	4.39	1.87	1.18 E	6
7	0.4808	0.4748	1.09 E	0.8508	6.03	14.8	30.3	14.8	9.88	3.89	1.51	1.11 E	7
8	0.5008	0.4738	1.00 E	0.8908	6.12	15.3	16.2	15.8	9.32	3.62	1.47	1.01 E	8
9	0.5308	0.5788	0.8008	0.7408	10.3	17.1	18.7	16.5	9.22	3.36	1.41	0.8348	9
10	0.5908	0.5458	0.8808	0.7708	10.5	19.5	14.9	18.0	9.58	3.17	1.39	1.01 E	10
11	0.6108	0.5788	0.8778	0.8408	9.43	17.2	12.9	16.6	8.79	2.87	1.38	0.9588	11
12	0.6648	0.5788	1.10 E	0.8108	11.2	16.3	12.0	13.3	10.1	2.79	1.28	0.7618	12
13	0.7788	0.6428	0.8388	0.8808	12.0	19.9	12.4	11.7	10.8	2.84	1.34	0.7788	13
14	0.7008	0.6808	0.7888	0.850	10.3	21.5	14.6	11.0	10.8	2.53	1.33	0.8898	14
15	0.4488	0.5788	0.7308	0.858	8.88	23.8	17.3	10.2	11.2	2.41	1.31 E	0.7478	15
16	0.3108	0.6118	0.7188	0.882	7.88	25.0	18.4	9.24	9.85	2.33	1.19 E	0.7408	16
17	0.3208	0.5738	0.5988	0.858	7.88	24.8	13.7	8.43	7.90	2.26	1.10 E	0.7488	17
18	0.3808	0.5788	0.5528	0.851	8.02	20.7	11.8	7.78	8.72	2.13	1.17 E	0.7608	18
19	0.3588	0.6258	0.4978	0.818	8.38	19.1	11.0	7.19	8.93	2.02	1.21 E	0.7758	19
20	0.4088	0.6258	0.4748	0.891	7.38	18.3	10.8	7.48	8.48	1.85	1.15 E	0.7948	20
21	0.3078	0.6358	0.4488	0.874	8.88	21.8	11.3	7.28	8.38	1.88	1.08 E	0.7618	21
22	0.3728	0.5908	0.4708	0.847	8.83	22.2	12.3	8.78	8.81	1.82	0.9488	0.7488	22
23	0.4808	0.5708	0.4708	0.858	8.42	17.4	13.8	8.87	8.47	1.78	0.8038	0.7088	23
24	0.5208	0.5808	0.4808	0.888	8.03	13.7	16.0	8.88	8.87	1.76	0.8808	0.7258	24
25	0.5808	0.4708	0.5008	1.01	4.80	11.8	18.3	7.02	8.88	1.74	0.8408	0.8858	25
26	0.8108	0.4808	0.4808	1.08	5.32	12.2	20.0	7.18	7.88	1.73	0.8258	0.7178	26
27	0.8508	0.5108	0.3708	1.28	8.47	14.8	20.8	7.87	7.83	1.88	0.8008	0.8813	27
28	0.8788	0.8208	0.3308	1.87	8.18	18.4	22.1	8.83	8.33	1.85	0.7788	0.8448	28
29	0.7238		0.4308	2.24	9.38	17.1	23.2	8.37	8.51	1.83	0.7888	0.8948	29
30	0.6488		0.5608	3.25	9.02	17.8	23.8	8.36	8.02	1.83	0.8448	0.8228	30
31	0.4978		0.8208		8.78		24.7	8.77		1.82		0.3178	31
TOTAL	18.407	15.323	21.588	30.188	237.41	480.03	584.0	358.35	258.40	85.83	38 853	25.170	TOTAL
MEAN	0.828	0.547	0.887	1.01	7.88	16.3	17.9	11.8	8.55	2.78	1 22	0.813	MEAN
MAX	0.778	0.680	1.20	3.25	12.0	25.0	28.5	23.7	12.7	5.20	1.85	1.18	MAX
MIN	0.307	0.380	0.330	0.660	4.80	8.46	10.8	8.87	8.02	1.82	0.788	0.317	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.63
MAXIMUM DAILY, 28.5 ON JUL 5
MINIMUM DAILY, 0.3078 ON JAN 31
MAXIMUM INSTANTANEOUS,
29.2 AT 13:58 MST ON JUL 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 04 N
LONG 116 41 17 W
DRAINAGE AREA, 249 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 420	JUL	47 900
FEB	1 320	AUG	31 000
MAR	1 670	SEP	22 200
APR	2 610	OCT	7 400
MAY	20 500	NOV	3 170
JUN	43 300	DEC	2 170

TOTAL DISCHARGE, 184 000 dam³

MITCHELL RESERVOIR NEAR ELKWATER - STATION NO. 11AB009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	33.766	---	---	---	---	---	---	---	---	---	5
6	---	---	33.787	---	---	---	34.274	---	---	---	---	---	6
7	---	---	33.860E	35.178	34.812E	34.650E	34.270E	34.177E	34.084E	33.942E	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	34.331	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	33.778	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	35.013	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	34.690	35.008E	34.858E	34.518E	34.237E	34.184E	34.051E	33.884E	---	---	17
18	---	33.787	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	34.033	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	33.767E	---	---	34.818	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	33.831	---	---	26
27	---	---	---	34.867	---	34.383E	---	---	33.998E	---	---	---	27
28	---	33.766E	35.038E	---	34.778E	---	34.189	34.129E	---	33.820E	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	34.948E	---	34.384E	---	---	33.982E	---	---	---	30
31	---	---	35.078E	---	34.740E	---	34.182E	34.123	---	33.802E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 28 28 N
LONG 110 05 24 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 80.3 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MONITOR CREEK NEAR CONSORT - STATION NO. 05GA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.150E	0.007	0	0	0	0	0	---	---	1
2	---	---	---	0.150E	0.008	0	0	0	0	0	---	---	2
3	---	---	---	0.115E	0.008	0	0	0	0	0	---	---	3
4	---	---	---	0.086E	0.006	0	0	0	0	0	---	---	4
5	---	---	---	0.069E	0.005	0	0	0	0	0	---	---	5
6	---	---	---	0.052E	0.004	0	0	0	0	0	---	---	6
7	---	---	---	0.041E	0.004	0	0	0	0	0	---	---	7
8	---	---	---	0.029E	0.003	0	0	0	0	0	---	---	8
9	---	---	---	0.020E	0.002	0	0	0	0	0	---	---	9
10	---	---	---	0.021A	0.001	0	0	0	0	0	---	---	10
11	---	---	---	0.037	0.001	0	0	0	0	0	---	---	11
12	---	---	---	0.054	0	0	0	0	0	0	---	---	12
13	---	---	---	0.045	0	0	0	0	0	0	---	---	13
14	---	---	---	0.025	0	0	0	0	0	0	---	---	14
15	---	---	---	0.027	0	0	0	0	0	0	---	---	15
16	---	---	---	0.015	0	0	0	0	0	0	---	---	16
17	---	---	---	0.009	0	0	0	0	0	0	---	---	17
18	---	---	---	0.015	0	0	0	0	0	0	---	---	18
19	---	---	---	0.014	0	0	0	0	0	0	---	---	19
20	---	---	---	0.015	0	0	0	0	0	0	---	---	20
21	---	---	---	0.014	0	0	0	0	0	0	---	---	21
22	---	---	---	0.008	0	0	0	0	0	0	---	---	22
23	---	---	---	0.005	0	0	0	0	0	0	---	---	23
24	---	---	---	0.004	0	0	0	0	0	0	---	---	24
25	---	---	---	0.005	0	0	0	0	0	0	---	---	25
26	---	---	---	0.007	0	0	0	0	0	0	---	---	26
27	---	---	---	0.008	0	0	0	0	0	0	---	---	27
28	---	---	---	0.007	0	0	0	0	0	0	---	---	28
29	---		---	0.007	0	0	0	0	0	0	---	---	29
30	---		---	0.008	0	0	0	0		0	---	---	30
31	---		---		0		0	0		0		---	31
TOTAL	---	---	---	1.100	0.049	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.037	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	0.150	0.008	0	0	0	0	0	---	---	MAX
MIN	---	---	---	0.004	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAY 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 28 N
LONG 110 45 37 W
DRAINAGE AREA, 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	88.0	OCT	0
MAY	4.23	NOV	---
JUN	0	DEC	---

MONITOR CREEK NEAR MONITOR - STATION NO. 09GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.8568	0.028	0	0	0	0	0	---	---	1
2	---	---	0 B	0.3618	0.026	0	0	0	0	0	---	---	2
3	---	---	0 B	0.2378	0.014	0	0	0	0	0	---	---	3
4	---	---	0 B	0.1808	0.006	0	0	0	0	0	---	---	4
5	---	---	0 B	0.1328	0.003	0	0	0	0	0	---	---	5
6	---	---	0 B	0.1438	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.1478	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.214	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.188	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.165	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.132	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.093	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.061	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.046	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.035	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.035	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.022	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.021	0	0	0	0	0	0	---	---	18
19	---	---	0.0018	0.024	0	0	0	0	0	0	---	---	19
20	---	---	0.0018	0.024	0	0	0	0	0	0	---	---	20
21	---	---	0.0018	0.021	0	0	0	0	0	0	---	---	21
22	---	---	0.0018	0.016	0	0	0	0	0	0	---	---	22
23	---	---	0.0018	0.009	0	0	0	0	0	0	---	---	23
24	---	08	0.0018	0.009	0	0	0	0	0	0	---	---	24
25	---	08	0.0028	0.013	0	0	0	0	0	0	---	---	25
26	---	08	0.0618	0.010	0	0	0	0	0	0	---	---	26
27	---	08	0.4118	0.007	0	0	0	0	0	0	---	---	27
28	---	08	0.8618	0.002	0	0	0	0	0	08	---	---	28
29	---		0.2848	0.018	0	0	0	0	0	08	---	---	29
30	---		0.0558	0.023	0	0	0	0	0	08	---	---	30
31	---		0.4098		0		0	0		08	---	---	31
TOTAL	---	---	1.859	3.032	0.077	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.060	0.101	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.861	0.855	0.028	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.853	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.8618 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.058 AT 08:25 MST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 10 N
LONG 110 34 30 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	181	SEP	0
APR	282	OCT	0
MAY	6 85	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 430 dam³

MONTAGNEUSE RIVER NEAR HINES CREEK - STATION NO. 07FD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.331	0.654	0.080	2.41	0.198	0.026	---	---	1
2	---	---	0B	0.0018	0.367	0.865	0.066	2.91	0.186	0.027	---	---	2
3	---	---	0B	0.0568	0.376	1.53	0.054	3.30	0.178	0.026	---	---	3
4	---	---	0B	0.2308	0.386	1.44	0.048	2.70	0.156	0.025	---	---	4
5	---	---	0B	0.4568	0.362	1.19	0.041	1.89	0.154	0.024	---	---	5
6	---	---	0B	0.7308	0.316	1.24	0.032	1.31	0.139	0.024	---	---	6
7	---	---	0B	1.36 B	0.271	1.56	0.028	0.907	0.126	0.024	---	---	7
8	---	---	0B	1.98 B	0.240	1.76	0.034	0.704	0.116	0.024	---	---	8
9	---	---	0B	2.81 B	0.236	1.36	0.035	0.895	0.104	0.024	---	---	9
10	---	---	0B	3.56 B	0.207	1.08	0.027	1.25	0.097	0.023	---	---	10
11	---	---	0B	5.95 B	0.274	0.854	0.025	1.38	0.095	0.023	---	---	11
12	---	---	0B	6.61	0.591	0.715	0.024	1.35	0.084	0.025	---	---	12
13	---	---	0B	4.84	0.533	0.603	0.028	1.12	0.077	0.025	---	---	13
14	---	---	0B	3.26	0.428	0.467	0.025	0.921	0.070	0.026	---	---	14
15	---	---	0B	2.20	0.336	0.386	0.024	0.786	0.060	0.023	---	---	15
16	---	---	0B	1.75	0.276	0.326	0.024	0.707	0.052	0.023	---	---	16
17	---	---	0B	1.36	0.246	0.290	0.021	1.18	0.044	0.026	---	---	17
18	---	---	0B	1.13	0.214	0.257	0.020	1.12	0.042	0.023	---	---	18
19	---	---	0B	1.01	0.171	0.232	0.015	0.966	0.038	0.021	---	---	19
20	---	---	0B	0.933	0.131	0.210	0.014	0.887	0.036	0.021	---	---	20
21	---	---	0B	0.838	0.131	0.180	0.015	0.784	0.032	0.021	---	---	21
22	---	---	0B	0.731	0.148	0.165	0.016	0.698	0.034	0.021	---	---	22
23	---	---	0B	0.607	0.130	0.148	0.011	0.611	0.034	0.0308	---	---	23
24	---	---	0B	0.538	0.118	0.180	0.008	0.520	0.038	0.043E	---	---	24
25	---	0B	0B	0.487	0.088	0.141	0.006	0.428	0.034	0.047	---	---	25
26	---	0B	0B	0.407	0.126	0.127	0.007	0.365	0.038	0.018	---	---	26
27	---	0B	0B	0.372	0.183	0.111	0.005	0.317	0.031	0.016A	---	---	27
28	---	0B	0B	0.346	0.194	0.088	0.009	0.273	0.030	0.014E	---	---	28
29	---		0B	0.333	0.228	0.080	0.010	0.247	0.031	0.012E	---	---	29
30	---		0B	0.312	0.305	0.097	0.422	0.229	0.031	0.010E	---	---	30
31	---		0B		0.508		0.735	0.215		0.010E	---	---	31
TOTAL	---	---	0	45.246	8.457	18.576	1.909	33.385	2.383	0.724	---	---	TOTAL
MEAN	---	---	0	1.51	0.273	0.619	0.062	1.08	0.079	0.023	---	---	MEAN
MAX	---	---	0	6.61	0.591	1.76	0.735	3.30	0.198	0.047	---	---	MAX
MIN	---	---	0	0	0.088	0.080	0.005	0.215	0.030	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.462
MAXIMUM DAILY, 6.61 ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.84 AT 02:00 MST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 23 00 N
LONG 118 42 40 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	185
FEB	---	AUG	3 880
MAR	0	SEP	206
APR	3 810	OCT	92.8
MAY	731	NOV	---
JUN	1 600	DEC	---

TOTAL DISCHARGE, 8 550 dam³

MOORE LAKE NEAR COLD LAKE - STATION NO. 08AC002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	549.539E	549.591	549.575	549.530	549.503	549.482	549.434	549.381	---	1
2	---	---	---	549.539E	549.591	549.582	549.524	549.502	549.482	549.433	549.352	---	2
3	---	---	549.486A	549.539E	549.585	549.583	549.527	549.498	549.482	549.420	549.347	---	3
4	---	---	---	549.539E	549.586	549.581	549.523	549.495	549.481	549.413	549.348A	---	4
5	---	---	---	549.539E	549.587	549.587	549.519	549.492	549.478	549.407	---	---	5
6	---	---	---	549.539E	549.580	549.578	549.519	549.487	549.476	549.410	---	---	6
7	---	---	---	549.539E	549.588	549.575	549.521	549.487	549.473	549.400	---	---	7
8	---	---	---	549.539A	549.588	549.577	549.522	549.484	549.470	549.397	---	---	8
9	---	---	---	549.547	549.586	549.578	549.535	549.481	549.470	549.388	---	---	9
10	---	---	---	549.564	549.583	549.575	549.536	549.484	549.473	549.392	---	---	10
11	---	---	---	549.567	549.585	549.573	549.531	549.502	549.474	549.388	---	---	11
12	---	---	---	549.586	549.582	549.570	549.529	549.495	549.473	549.389	---	---	12
13	---	---	---	549.588	549.576	549.585	549.525	549.492	549.485	549.383	---	---	13
14	---	---	---	549.570	549.580	549.582	549.525	549.490	549.486	549.381	---	---	14
15	---	---	---	549.575	549.572	549.583	549.526	549.489	549.484	549.381	---	---	15
16	---	---	---	549.570	549.572	549.584	549.523	549.485	549.458	549.375	---	---	16
17	---	---	---	549.574	549.572	549.584	549.524	549.487	549.456	549.372	---	---	17
18	---	---	---	549.577	549.571	549.580	549.525	549.484	549.454	549.371	---	---	18
19	---	---	---	549.580	549.578	549.580	549.523	549.482	549.453	549.388	---	---	19
20	---	---	---	549.581	549.578	549.580	549.523	549.486	549.448	549.387	---	---	20
21	---	---	---	549.582	549.578	549.548	549.532	549.488	549.447	549.389	---	---	21
22	---	---	---	549.578	549.578	549.544	549.521	549.487	549.448	549.381	---	---	22
23	---	---	---	549.582	549.578	549.530	549.521	549.489	549.445	549.382	---	---	23
24	---	---	---	549.583	549.578	549.526	549.520	549.487	549.441	549.380	---	---	24
25	---	---	---	549.581	549.577	549.539	549.520	549.490	549.441	549.384	---	---	25
26	---	---	---	549.583	549.577	549.526	549.517	549.489	549.436	549.382	---	---	26
27	---	---	---	549.585	549.578	549.530	549.514	549.486	549.433	549.382	---	---	27
28	---	---	---	549.586	549.581	549.526	549.517	549.483	549.427	549.382	---	---	28
29	---		---	549.578	549.587	549.525	549.512	549.480	549.426	549.380	---	---	29
30	---		---	549.583	549.588	549.530	549.512	549.484	549.427	549.381	---	---	30
31	---		---		549.582		549.511	549.484		549.387		---	31
MEAN	---	---	---	549.585	549.582	549.557	549.523	549.488	549.456	549.380	---	---	MEAN
MAX	---	---	---	549.586	549.591	549.587	549.539	549.503	549.482	549.424	---	---	MAX
MIN	---	---	---	549.539	549.571	549.526	549.511	549.480	549.426	549.380	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 549.591 ON MAY 1

MAXIMUM INSTANTANEOUS,
549.596 AT 14:50 MST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 00 N
LONG 110 34 00 W

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
42.2 km²

MOOSEHILLS CREEK NEAR ELK POINT - STATION NO. 05ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0.1408	0.137	0.051	0.001	0	0	0	---	---	1
2	---	---	0 8	0.1858	0.088	0.032	0.001	0	0	0	---	---	2
3	---	---	0.0038	0.2308	0.055	0.028	0.001	0	0	0	---	---	3
4	---	---	0.0048	0.4808	0.107	0.045	0.001	0	0	0	---	---	4
5	---	---	0.0058	0.4858	0.117	0.050	0.001	0	0	0	---	---	5
6	---	---	0.0068	0.5758	0.104	0.038	0.001	0	0	0	---	---	6
7	---	---	0.0058	0.7408	0.087	0.020	0.001	0	0	0	---	---	7
8	---	---	0.0048	0.9138	0.131	0.023	0.001	0	0	0	---	---	8
9	---	---	0.0038	0.7318	0.077	0.010	0.074	0	0	0	---	---	9
10	---	---	0.0048	0.5338	0.060	0.022	0.002	0	0	0	---	---	10
11	---	---	0.0068	0.3788	0.058	0.023	0	0	0	0	---	---	11
12	---	---	0.0058	0.2828	0.068	0.008	0	0	0	0	---	---	12
13	---	---	0.0068	0.383	0.078	0.008	0	0	0	0	---	---	13
14	---	---	0.0088	0.584	0.061	0.004	0	0	0	0	---	---	14
15	---	---	0.0068	1.09	0.062	0.003	0	0	0	0	---	---	15
16	---	---	0.0068	0.954	0.054	0.002	0	0	0	0	---	---	16
17	---	---	0.0078	0.846	0.045	0.001	0	0	0	0	---	---	17
18	---	---	0.0078	0.678	0.032	0.008	0	0	0	0	---	---	18
19	---	---	0.0088	0.551	0.040	0.004	0	0	0	0	---	---	19
20	---	---	0.0078	0.437	0.068	0.025	0	0	0	0	---	---	20
21	---	---	0.0078	0.281	0.111	0.018	0	0	0	0	---	---	21
22	---	---	0.0078	0.280	0.133	0.006	0	0	0	0	---	---	22
23	---	---	0.0068	0.281	0.133	0.001	0	0	0	0	---	---	23
24	---	---	0.0088	0.209	0.111	0.001	0	0	0	0	---	---	24
25	---	---	0.0108	0.184	0.088	0.001	0	0	0	0	---	---	25
26	---	---	0.0118	0.188	0.078	0.001	0	0	0	0	---	---	26
27	---	---	0.0118	0.167	0.056	0.001	0	0	0	0	---	---	27
28	---	---	0.0088	0.127	0.041	0.001	0	0	0	0	---	---	28
29	---		0.0088	0.100	0.032	0.001	0	0	0	0	---	---	29
30	---		0.0118	0.141	0.043	0.001	0	0	0	0	---	---	30
31	---		0.0358		0.028		0	0		0E	---	---	31
TOTAL	---	---	0.313	13.104	2.440	0.431	0.084	0	0	0E	---	---	TOTAL
MEAN	---	---	0.007	0.437	0.079	0.014	0.003	0	0	0	---	---	MEAN
MAX	---	---	0.035	1.09	0.137	0.051	0.074	0	0	0	---	---	MAX
MIN	---	---	0	0.100	0.028	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 1.09 ON APR 15
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
1.50 AT 15:01 MST ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 03 N
LONG 110 46 38 W
DRAINAGE AREA, 38.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7.28
FEB	---	AUG	0
MAR	16.4	SEP	0
APR	1 130	OCT	0
MAY	211	NOV	---
JUN	37.3	DEC	---

TOTAL DISCHARGE, 1 400 dam³

MOOSELAKE RIVER NEAR PRANCHERE - STATION NO. 05AC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0	0	0	0	0	0	0	---	1
2	0B	0B	0B	0B	0	0	0	0	0	0	0	---	2
3	0B	0B	0B	0B	0	0	0	0	0	0	0	---	3
4	0B	0B	0B	0B	0	0.002	0	0	0	0	0A	---	4
5	0B	0B	0B	0B	0	0.003	0	0	0	0	---	---	5
6	0B	0B	0B	0B	0	0	0	0	0	0	---	---	6
7	0B	0B	0B	0B	0.004	0	0	0	0	0	---	---	7
8	0B	0B	0B	0B	0	0	0	0	0	0	---	---	8
9	0B	0B	0B	0B	0	0.003	0	0	0	0	---	---	9
10	0B	0B	0B	0B	0	0	0	0	0	0	---	---	10
11	0B	0B	0B	0B	0.001	0	0	0	0	0	---	---	11
12	0B	0B	0B	0B	0	0	0	0	0	0	---	---	12
13	0B	0B	0B	0B	0	0	0	0	0	0	---	---	13
14	0B	0B	0B	0B	0.007	0	0	0	0	0	---	---	14
15	0B	0B	0B	0B	0	0	0	0	0	0	---	---	15
16	0B	0B	0B	0B	0	0	0	0	0	0	---	---	16
17	0B	0B	0B	0B	0.012	0	0	0	0	0	---	---	17
18	0B	0B	0B	0B	0.006	0	0	0	0	0	---	---	18
19	0B	0B	0B	0B	0	0	0	0	0	0	---	---	19
20	0B	0B	0B	0B	0.004	0	0	0	0	0	---	---	20
21	0B	0B	0B	0	0.008	0	0	0	0	0	---	---	21
22	0B	0B	0B	0	0.008	0	0	0	0	0	---	---	22
23	0B	0B	0B	0	0.004	0	0	0	0	0	---	---	23
24	0B	0B	0B	0	0.008	0	0	0	0	0	---	---	24
25	0B	0B	0B	0	0.007	0	0	0	0	0	---	---	25
26	0B	0B	0B	0	0.007	0	0	0	0	0	---	---	26
27	0B	0B	0B	0	0.001	0	0	0	0	0	---	---	27
28	0B	0B	0B	0	0.001	0	0	0	0	0	---	---	28
29	0B		0B	0	0.001	0	0	0	0	0	---	---	29
30	0B		0B	0	0.002	0	0	0	0	0	---	---	30
31	0B		0B		0.001		0	0		0		---	31
TOTAL	0	0	0	0	0.084	0.006	0	0	0	0	---	---	TOTAL
MEAN	0	0	0	0	0.003	0	0	0	0	0	---	---	MEAN
MAX	0	0	0	0	0.012	0.003	0	0	0	0	---	---	MAX
MIN	0	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.012 ON MAY 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.044 AT 17:39 MST ON MAY 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 20 25 N
LONG 111 00 10 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	7.28	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE 7.95 dam³

MOSQUITO CREEK NEAR THE MOUTH - STATION NO. 05AC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.281	0.082	1.02	1.38	0.626	0.736	0.637	0.112	---	1
2	---	---	0.0058	0.273	0.075	0.886	1.51	0.637	0.651	0.640	0.084	---	2
3	---	---	0.0208	1.02	0.063	0.876	1.32	0.756	0.771	0.653	0.076A	---	3
4	---	---	0.0698	0.756	0.056	0.828	1.33	0.786	0.886	0.656	---	---	4
5	---	---	0.0838	0.638	0.052	0.816	1.46	0.720	0.793	0.643	---	---	5
6	---	---	0.0788	0.821	0.039	0.813	1.57	0.721	0.801	0.654	---	---	6
7	---	---	0.0758	0.516	0.118	0.769	1.61	0.861	0.857	0.659	---	---	7
8	---	---	0.0478	0.441	0.858	0.765	1.51	0.857	0.780	0.685	---	---	8
9	---	---	0.0398	0.368	0.679	0.742	1.48	0.740	0.683	0.656	---	---	9
10	---	---	0.0478	0.303	0.852	0.779	1.80	0.770	0.720	0.650	---	---	10
11	---	---	0.0418	0.312	0.740	0.786	1.75	0.853	0.748	0.659	---	---	11
12	---	---	0.0478	0.300	0.779	0.761	1.88	0.903	0.785	0.674	---	---	12
13	---	---	0.0858	0.284	0.888	0.748	1.82	0.828	0.734	0.695	---	---	13
14	---	---	0.0798	0.242	0.874	0.758	1.48	1.14	0.788	0.882	---	---	14
15	---	---	0.0878	0.218	0.859	0.747	1.25	1.28	0.853	0.725	---	---	15
16	---	---	0.0838	0.189	0.808	0.804	0.734	1.06	0.831	0.712	---	---	16
17	---	---	0.0878	0.176	1.01	1.23	0.613	0.859	0.854	0.878	---	---	17
18	---	---	0.0898	0.166	0.888	1.09	0.850	0.832	0.860	0.432	---	---	18
19	---	---	0.1018	0.167	1.03	1.18	1.24	0.808	0.852	0.226	---	---	19
20	---	---	0.0778	0.172	1.03	1.23	1.27	0.888	0.840	0.141	---	---	20
21	---	---	0.0758	0.188	1.05	1.22	1.14	0.882	0.881	0.131	---	---	21
22	---	---	0.0628	0.148	1.05	1.19	1.27	0.840	0.676	0.128	---	---	22
23	---	0B	0.0888	0.141	1.02	1.10	1.27	0.804	0.888	0.108	---	---	23
24	---	0B	0.0908	0.140	1.03	1.05	1.26	0.813	0.811	0.085	---	---	24
25	---	0B	0.1348	0.134	1.15	0.850	0.953	0.818	0.574	0.085	---	---	25
26	---	0B	0.1928	0.123	1.21	1.04	0.878	0.761	0.581	0.087	---	---	26
27	---	0B	0.2108	0.113	1.17	1.14	0.883	0.885	0.714	0.085	---	---	27
28	---	0B	0.1898	0.089	1.16	1.23	0.822	0.724	0.840	0.083	---	---	28
29	---		0.1868	0.091	1.16	1.27	0.796	0.740	0.863	0.083	---	---	29
30	---		0.146	0.093	1.13	1.24	0.716	0.762	0.880	0.108	---	---	30
31	---		0.236		0.978		0.828	0.764		0.112	---	---	31
TOTAL	---	---	2.881	6.887	23.871	29.436	37.884	25.413	21.122	13.283	---	---	TOTAL
MEAN	---	---	0.087	0.280	0.784	0.881	1.21	0.820	0.704	0.428	---	---	MEAN
MAX	---	---	0.235	1.02	1.21	1.27	1.75	1.28	0.857	0.725	---	---	MAX
MIN	---	---	0	0.091	0.038	0.742	0.613	0.628	0.574	0.083	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.881
MAXIMUM DAILY, 1.75 ON JUL 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.43 AT 16:18 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 20 N
LONG 113 33 15 W
DRAINAGE AREA, 838 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 250
FEB	---	AUG	2 200
MAR	233	SEP	1 820
APR	761	OCT	1 150
MAY	2 050	NOV	---
JUN	3 540	DEC	---

TOTAL DISCHARGE, 14 000 dam³

MOUNTAIN VIEW IRRIGATION DISTRICT CANAL - STATION NO. 08AD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.029	0.293	1.47	1.42	0.754	0.052	0.030	0.018	---	1
2	---	---	---	0.031	1.22	1.43	3.48	0.744	0.051	0.028	0.017	---	2
3	---	---	---	0.052	1.18	1.38	3.34	1.84	0.048	0.028	0.013	---	3
4	---	---	---	0.086	1.18	3.31	3.38	2.48	0.053	0.028	0.013	---	4
5	---	---	---	0.157	1.12	2.81	3.41	2.43	0.060	0.028	0.013	---	5
6	---	---	---	0.118	1.08	2.83	3.38	1.93	0.052	0.028	0.574	---	6
7	---	---	---	0.088	1.00	2.84	3.32	1.33	0.051	0.017	1.44	---	7
8	---	---	---	0.085	0.430	2.88	3.02	1.31	0.048	0.013	1.44	---	8
9	---	---	---	0.079	0.445	3.17	2.83	1.32	0.047	0.883	1.43	---	9
10	---	---	---	0.088	0.448	3.18	1.73	1.22	0.521	0.818	1.44	---	10
11	---	---	---	0.089	0.484	3.18	0.717	1.21	0.812	0.824	1.44	---	11
12	---	---	---	0.058	0.448	3.13	0.703	1.22	0.804	0.830	0.809	---	12
13	---	---	---	0.064	0.474	3.11	0.704	1.24	0.805	0.812	0.031	---	13
14	---	---	---	0.083	1.28	3.13	0.705	0.884	0.804	0.827	0.025	---	14
15	---	---	---	0.088	1.83	3.13	2.05	0.105	0.803	0.835	0.024	---	15
16	---	---	---	0.089	1.83	3.18	2.80	0.077	0.882	0.818	0.024	---	16
17	---	---	---	0.087	1.81	3.18	2.47	0.083	0.885	0.833	0.022	---	17
18	---	---	0.0308	0.073	1.48	3.08	2.07	0.087	0.885	0.813	0.018	---	18
19	---	---	---	0.058	1.32	2.40	0.880	0.057	0.888	0.821	0.021	---	19
20	---	---	---	0.055	1.18	2.05	1.75	0.085	0.878	0.857	0.024	---	20
21	---	---	---	0.055	1.18	2.05	1.88	0.048	0.874	0.021	0.021	---	21
22	---	---	---	0.058	1.12	2.03	1.85	0.050	0.875	0.021	0.0188	---	22
23	---	---	---	0.085	1.26	1.98	1.08	0.058	0.858	0.021	0.0188	---	23
24	---	---	---	0.073	2.73	1.96	0.831	0.184	0.867	0.020	0.0098	---	24
25	---	---	---	0.058	3.41	1.83	0.879	0.086	0.838	0.015	0.0078	---	25
26	---	---	---	0.056	3.65	1.55	0.848	0.077	0.855	0.017	0.0088	---	26
27	---	---	---	0.056	3.61	1.41	0.802	0.068	0.852	0.013	0.0058	---	27
28	---	---	---	0.056	3.33	1.43	0.780	0.062	0.038	0.011	0.0088	---	28
29	---		---	0.047	1.57	1.43	0.774	0.059	0.036	0.010	0.0088	---	29
30	---		---	0.048	1.50	1.42	0.767	0.055	0.031	0.017	0.0088	---	30
31	---		0.0188		1.48		0.753	0.052		0.017		---	31
TOTAL	---	---	---	2.048	43.500	70.28	54.011	30.354	15.048	10.826	8.731	---	TOTAL
MEAN	---	---	---	0.066	1.40	2.34	1.74	0.857	0.502	0.349	0.291	---	MEAN
MAX	---	---	---	0.157	3.65	3.18	3.41	2.48	0.812	0.837	1.44	---	MAX
MIN	---	---	---	0.029	0.293	1.38	0.880	0.048	0.031	0.010	0.008	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.921
MAXIMUM DAILY, 3.65 ON MAY 26
MINIMUM DAILY, 0.0058 ON NOV 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 00 N
LONG 113 41 30 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 870
FEB	---	AUG	1 780
MAR	---	SEP	1 300
APR	177	OCT	935
MAY	3 760	NOV	754
JUN	6 070	DEC	---

TOTAL DISCHARGE, 19 400 dam³

MUD LAKE DIVERSION CANAL - STATION NO. 05BF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.7838	1.18	1.77	1.68	1.18	0.448	---	---	1
2	---	---	---	---	0.9088	1.03	2.14	1.31	1.45	0.438	---	---	2
3	---	---	---	---	0.9088	0.904	2.49	1.18	1.41	0.437	---	---	3
4	---	---	---	---	0.9088	0.854	2.27	1.40	1.10	0.405	---	---	4
5	---	---	---	---	0.905	1.38	2.18	1.81	0.948	0.382	---	---	5
6	---	---	---	---	1.06	2.30	2.12	1.46	0.958	0.348	---	---	6
7	---	---	---	---	1.48	2.42	1.83	1.33	0.850	0.341	---	---	7
8	---	---	---	---	2.04	2.47	1.80	1.41	0.800	0.324	---	---	8
9	---	---	---	---	2.68	2.83	1.80	1.87	0.803	0.307	---	---	9
10	---	---	---	---	3.20	3.74	1.83	2.11	0.806	0.288	---	---	10
11	---	---	---	---	2.80	2.24	1.41	1.96	0.775	0.283	---	---	11
12	---	---	---	---	3.51	2.28	1.32	1.42	0.802	0.271	---	---	12
13	---	---	---	---	3.84	2.78	1.53	1.41	0.873	0.259	---	---	13
14	---	---	---	---	3.68	3.01	1.65	1.57	0.882	0.280	---	---	14
15	---	---	---	---	3.61	3.00	1.96	1.73	0.886	0.259	---	---	15
16	---	---	---	---	3.57	4.93	1.82	1.88	0.705	0.252	---	---	16
17	---	---	---	---	3.17	4.82	1.16	1.49	0.582	0.244	---	---	17
18	---	---	---	---	1.97	2.82	0.871	1.28	0.536	0.237	---	---	18
19	---	---	---	---	1.84	2.61	0.897	1.12	0.497	0.217	---	---	19
20	---	---	---	---	1.88	2.88	1.23	1.12	0.500	0.208	---	---	20
21	---	---	---	---	1.31	2.81	1.41	1.00	0.531	0.207	---	---	21
22	---	---	---	---	1.13	2.20	1.85	0.881	0.538	0.201	---	---	22
23	---	---	---	---	1.01	1.87	1.85	0.888	0.533	0.188	---	---	23
24	---	---	---	---	0.907	1.28	1.88	0.880	0.508	0.189	---	---	24
25	---	---	---	---	0.888	1.22	1.76	0.824	0.506	0.184	---	---	25
26	---	---	---	---	0.926	1.44	1.84	0.867	0.574	0.188	---	---	26
27	---	---	---	---	0.884	1.75	1.80	0.876	0.612	0.182	---	---	27
28	---	---	---	---	1.13	1.77	2.12	0.870	0.508	0.178	---	---	28
29	---		---	---	1.34	1.74	2.12	0.871	0.480	0.170E	---	---	29
30	---		---	0.708E	1.35	1.85	2.10	0.878	0.440	0.170E	---	---	30
31	---		---		1.30		2.27	0.877		0.170E		---	31
TOTAL	---	---	---	---	52.781	88.388	54.278	38.902	22.947	8.212	---	---	TOTAL
MEAN	---	---	---	---	1.70	2.31	1.75	1.28	0.782	0.285	---	---	MEAN
MAX	---	---	---	---	3.84	4.93	2.49	2.11	1.45	0.448	---	---	MAX
MIN	---	---	---	---	0.783	0.904	0.871	0.847	0.440	0.170	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 4.93 ON JUN 16
MINIMUM DAILY, 0.170E ON OCT 29

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 30 N
LONG 115 16 00 W
DRAINAGE AREA, 28.0 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 690
FEB	---	AUG	3 450
MAR	---	SEP	1 950
APR	---	OCT	710
MAY	4 580	NOV	---
JUN	5 740	DEC	---

TOTAL DISCHARGE, 21 100 dam³

MURIEL LAKE AT GUNNEYVILLE - STATION NO. 05AC007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	559.111	559.138	559.161	559.172	559.270E	559.231	559.184	559.111	559.075	558.008	558.032	---	1
2	559.111	559.137	559.163	559.172	559.278E	559.232	559.186	559.089	559.071	558.004	558.018	---	2
3	559.113	559.138	559.163	559.174	559.278E	559.233	559.190	559.088	559.074	558.004	558.016	---	3
4	559.112	559.138	559.166	559.173	559.279A	559.224	559.141	559.086	559.074	558.984	558.014	---	4
5	559.108	559.140	559.165	559.174	559.273	559.224	559.138	559.092	559.074	558.988	558.018	---	5
6	559.110	559.142	559.164	559.176	559.273	559.220	559.146	559.091	559.083	558.984	558.018	---	6
7	559.110	559.141	559.162	559.184	559.270	559.213	559.142	559.088	559.081	558.980	558.016	---	7
8	559.110	559.142	559.161	559.193	559.273	559.216	559.148	559.082	559.083	558.984	558.019	---	8
9	559.111	559.140	559.163	559.215	559.274	559.213	559.186	559.088	559.080	558.987	558.019	---	9
10	559.111	559.140	559.161	559.222	559.271	559.209	559.170	559.090	559.083	558.985	558.017	---	10
11	559.110	559.141	559.160	559.230	559.273	559.204	559.162	559.091	559.084	558.985	558.020	---	11
12	559.110	559.142	559.162	559.238	559.285	559.203	559.163	559.086	559.085	558.988	558.016	---	12
13	559.111	559.142	559.163	559.240A	559.282	559.196	559.167	559.082	559.055	558.945	558.017	---	13
14	559.110	559.148	559.168	---	559.258	559.182	559.156	559.083	559.051	558.954	558.017	558.918A	14
15	559.112	559.148	559.169	---	559.267	559.197	559.145	559.084	559.045	558.958	558.912	558.913	15
16	559.112	559.148	559.158	---	559.264	559.189	559.138	559.084	559.037	558.949	558.910	558.912	16
17	559.112	559.148	559.160	---	559.266	559.176	559.140	559.080	559.037	558.940	558.906	558.910	17
18	559.114	559.148	559.159	---	559.248	559.175	559.136	559.080	559.037	558.940	558.903	558.912	18
19	559.119	559.148	559.159	---	559.259	559.174	559.140	559.078	559.034	558.938	558.907	558.918	19
20	559.124	559.148	559.164	---	559.248	559.182	559.135	559.078	559.037	558.943	558.911	558.918	20
21	559.121	559.148	559.163	---	559.248	559.181	559.138	559.078	559.032	558.935	558.911	558.918	21
22	559.121	559.148	559.162	---	559.249	559.188	559.139	559.079	559.032	558.937	558.911	558.918	22
23	559.120	559.148	559.163	---	559.250	559.180	559.134	559.079	559.029	558.938	558.907A	558.913A	23
24	559.121	559.147	559.163	---	559.251	559.181	559.136	559.074	559.027	558.935	---	---	24
25	559.123	559.148	559.169	---	559.248	559.187	559.140	559.071	559.024	558.925	---	---	25
26	559.128	559.148	559.172	---	559.247	559.188	559.138	559.075	559.019	558.916	---	---	26
27	559.128	559.149	559.168	---	559.250	559.181	559.132	559.072	559.018	558.923	---	---	27
28	559.132	559.150	559.167	---	559.248	559.180	559.134	559.075	559.010	558.924	---	---	28
29	559.131		559.169	---	559.244	559.158	559.129	559.078	559.010	558.924	---	---	29
30	559.133		559.173	---	559.244	559.181	559.123	559.074	559.004	558.925	---	---	30
31	559.137		559.174		559.241		559.123	559.075		558.927		---	31
MEAN	559.117	559.143	559.159	---	559.260	559.191	559.144	559.083	559.045	558.953	---	---	MEAN
MAX	559.137	559.150	559.174	---	559.279	559.232	559.170	559.111	559.075	559.005	---	---	MAX
MIN	559.108	559.138	559.150	---	559.241	559.158	559.123	559.071	559.004	558.916	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 15 N
LONG 110 45 05 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
484 km²

MAXIMUM INSTANTANEOUS,
559.301 ON APR 25

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

REMARKS - DATE OF PEAK WAS ESTIMATED BY COMPARING TO OTHER LAKES IN THE AREA

MUSKEG CREEK NEAR WESTEROSE - STATION NO. 05PA912

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.97 A	0.143	0.124	0.055	0.410	0.065	0.049	---	---	1
2	---	---	---	1.53	0.186	0.082	0.058	0.383	0.078	0.043	---	---	2
3	---	---	---	2.54	0.387	0.060	0.044	0.531	0.126	0.047	---	---	3
4	---	---	0.070B	2.43	0.393	0.078	0.041	0.555	0.303	0.058	---	---	4
5	---	---	---	1.89	0.271	0.061	0.044	0.426	0.287	0.055	---	---	5
6	---	---	---	1.08	0.250	0.072	0.058	0.339	0.161	0.058	---	---	6
7	---	---	---	0.850	0.199	0.060	0.077	0.258	0.108	0.058	---	---	7
8	---	---	---	0.655	0.203	0.052	0.063	0.176	0.118	0.048	---	---	8
9	---	---	---	0.603	0.151	0.055	0.058	0.144	0.136	0.047	---	---	9
10	---	---	---	0.454	0.113	0.057	0.106	0.173	0.103	0.051	---	---	10
11	---	---	---	0.376	0.201	0.078	0.117	0.534	0.087	0.054	---	---	11
12	---	---	---	0.318	0.130	0.062	0.068	0.888	0.078	0.051	---	---	12
13	---	---	---	0.316	0.124	0.070	0.063	0.611	0.055	0.057	---	---	13
14	---	---	---	0.288	0.181	0.048	0.073	0.333	0.055	0.058	---	---	14
15	---	---	---	0.338	0.288	0.043	0.078	0.248	0.055	0.075	---	---	15
16	---	---	---	0.318	0.128	0.055	0.084	0.217	0.047	0.054	---	---	16
17	---	---	---	0.284	0.105	0.058	0.080	0.178	0.051	0.071	---	---	17
18	---	---	---	0.263	0.100	0.052	0.114	0.172	0.052	0.078	---	---	18
19	---	---	---	0.258	0.175	0.059	0.061	0.184	0.052	0.058	---	---	19
20	---	---	---	0.251	0.211	0.041	0.078	0.233	0.048	0.070	---	---	20
21	---	---	---	0.223	0.339	0.049	0.180	0.232	0.048	0.052	---	---	21
22	---	---	---	0.210	0.604	0.056	0.141	0.177	0.054	0.055	---	---	22
23	---	---	---	0.210	0.681	0.065	0.176	0.137	0.087	0.072	---	---	23
24	---	---	---	0.206	0.459	0.064	0.201	0.121	0.065	0.063	---	---	24
25	---	---	---	0.183	0.341	0.051	0.161	0.089	0.058	0.078	---	---	25
26	---	---	0.081A	0.188	0.296	0.043	0.152	0.090	0.058	0.065	---	---	26
27	---	---	---	0.167	0.228	0.068	0.139	0.084	0.058	0.067	---	---	27
28	---	---	---	0.144	0.188	0.060	0.141	0.085	0.058	0.070	---	---	28
29	---		---	0.128	0.168	0.062	0.103	0.074	0.060	0.068	---	---	29
30	---		---	0.149	0.158	0.073	0.089	0.065	0.058	0.073A	---	---	30
31	---		---		0.148		0.123	0.087		0.070E		---	31
TOTAL	---	---	---	18.898	7.304	2.037	3.114	7.844	2.880	1.897	---	---	TOTAL
MEAN	---	---	---	0.833	0.238	0.066	0.100	0.253	0.089	0.064	---	---	MEAN
MAX	---	---	---	2.54	0.681	0.124	0.301	0.655	0.303	0.088	---	---	MAX
MIN	---	---	---	0.128	0.100	0.041	0.041	0.065	0.047	0.043	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.306
MAXIMUM DAILY, 2.54 ON APR 3
MINIMUM DAILY, 0.041 ON JUN 30
MAXIMUM INSTANTANEOUS,
3.88 AT 12:48 MST ON APR 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 08 N
LONG 113 57 37 W
DRAINAGE AREA, 97.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	388
FEB	---	AUG	676
MAR	---	SEP	232
APR	1 840	OCT	173
MAY	631	NOV	---
JUN	178	DEC	---

TOTAL DISCHARGE, 3 800 dam³

MUSKEG RIVER NEAR FORT MACKAY - STATION NO. 07DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4508	0.3548	0.3548	1.138	34.0	8.44	4.48	1.80	0.784	0.788	1.428	---	1
2	0.4488	0.3538	0.3568	1.228	33.4	11.3	5.16	1.85	0.801	0.784	1.388	---	2
3	0.4408	0.3528	0.3568	1.348	32.8	13.5	5.06	1.87	0.788	0.780	1.378	---	3
4	0.4368	0.3518	0.3608	1.508	32.2	15.3	7.38	2.12	0.788	0.788	1.348	---	4
5	0.4308	0.3508	0.3638	1.858	31.4	17.1	7.30	1.86	0.787	0.738	1.328	---	5
6	0.4288	0.3488	0.3688	1.908	30.8	18.4	6.86	1.86	0.744	0.785	1.308	---	6
7	0.4208	0.3488	0.3688	2.188	18.7	19.3	6.41	1.83	0.718	0.747	---	---	7
8	0.4158	0.3478	0.3728	2.818	18.7	19.8	6.02	1.80	0.697	0.826	---	---	8
9	0.4108	0.3468	0.3778	3.008	17.8	20.0	5.76	1.42	0.666	1.29	---	---	9
10	0.4088	0.3468	0.3808	3.508	17.2	19.8	5.42	1.29	0.734	1.43	---	---	10
11	0.4008	0.3448	0.3908	4.208	16.8	18.8	5.08	1.23	0.884	1.37	---	---	11
12	0.3978	0.3438	0.4008	5.108	16.0	17.8	4.73	1.27	0.805	1.35 A	---	---	12
13	0.3948	0.3428	0.4108	6.008	15.8	16.8	4.35	1.32	0.788	1.50 E	---	---	13
14	0.3908	0.3428	0.4208	7.208	14.8	15.1	4.04	1.33	0.757	1.80 E	---	---	14
15	0.3878	0.3428	0.4308	8.508	14.1	13.6	3.86	1.30	0.838	1.72 E	---	---	15
16	0.3848	0.3428	0.4408	11.5 B	13.4	12.0	3.86	1.28	0.841	1.78 E	---	---	16
17	0.3808	0.3428	0.4808	14.0 B	12.8	10.8	3.45	1.25	1.09	1.80 E	---	---	17
18	0.3788	0.3438	0.4808	16.1	12.4	8.44	3.38	1.22	1.15	1.78 E	---	---	18
19	0.3748	0.3448	0.5008	17.3	12.4	8.50	3.13	1.18	1.12	1.72 E	---	---	19
20	0.3728	0.3458	0.5108	18.8	12.3	7.82	2.88	1.11	1.05	1.86 E	---	---	20
21	0.3708	0.3488	0.5308	20.0	12.1	7.06	2.73	1.02	1.00	1.83 E	---	---	21
22	0.3688	0.3478	0.5508	21.3	11.7	7.28	2.56	0.933	0.985	1.80 E	---	---	22
23	0.3678	0.3488	0.5708	22.5	11.2	7.73	2.38	0.879	0.943	1.46 E	---	---	23
24	0.3858	0.3498	0.6008	23.3	10.4	7.24	2.18	0.874	0.884	1.40 B	---	---	24
25	0.3638	0.3508	0.6408	23.8	9.84	6.92	2.03	0.913	0.856	1.38 B	---	---	25
26	0.3628	0.3518	0.6808	24.3	9.34	8.53	1.86	0.899	0.848	1.37 B	---	---	26
27	0.3618	0.3528	0.7208	24.8	8.85	6.06	1.73	0.886	0.886	1.36 B	---	---	27
28	0.3608	0.3538	0.7808	25.0	8.34	5.65	1.58	0.845	0.878	1.35 B	---	---	28
29	0.3598		0.8408	24.9	7.89	5.22	1.66	0.815	0.809	1.36 B	---	---	29
30	0.3578		0.9408	24.6	7.70	4.90	1.48	0.782	0.783	1.40 B	---	---	30
31	0.3568		1.04 B		7.62		1.36	0.798		1.41 B	---	---	31
TOTAL	12.118	9.720	15.986	383.99	453.26	357.59	121.27	36.645	25.748	40.935	---	---	TOTAL
MEAN	0.391	0.347	0.516	12.1	14.6	11.9	3.91	1.26	0.858	1.32	---	---	MEAN
MAX	0.450	0.354	1.04	25.0	34.0	20.0	7.38	2.12	1.15	1.80	---	---	MAX
MIN	0.356	0.342	0.354	1.12	7.62	4.90	1.36	0.782	0.698	0.738	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
25.1 AT 17:04 MST ON APR 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 30 N
LONG 111 34 05 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 050	JUL	10 500
FEB	840	AUG	3 340
MAR	1 380	SEP	2 220
APR	31 650	OCT	3 540
MAY	38 200	NOV	---
JUN	30 500	DEC	---

MUSKEG RIVER NEAR GRANDE CACHE - STATION NO. 07GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.888	1.538	1.188	1.508	8.08	9.18	5.13	54.1	8.58	3.71	---	---	1
2	1.978	1.488	1.178	1.818	8.78	8.24	5.06	117	8.68	3.58	---	---	2
3	1.888	1.478	1.188	1.858	8.03	7.58	4.71	62.2	7.32	3.52	---	---	3
4	1.938	1.508	1.208	1.888	7.48	7.45	4.86	52.4	6.64	3.68	---	---	4
5	1.908	1.548	1.188	1.728	7.58	7.95	4.72	42.0	6.15	3.71	---	---	5
6	1.888	1.578	1.168	1.728	7.31	8.45	4.51	31.7	5.71	3.60	---	---	6
7	1.878	1.538	1.158	1.698	7.18	7.88	4.60	24.1	5.40	3.54	---	---	7
8	1.888	1.488	1.138	1.648	7.28	7.35	4.70	20.1	5.09	3.47	---	---	8
9	1.928	1.478	1.108	1.608	7.84	7.30	5.05	18.0	4.86	3.62	---	---	9
10	1.988	1.458	1.088	1.628	7.98	8.99	5.48	20.0	4.68	3.63	---	---	10
11	1.958	1.438	1.108	1.608	7.67	8.84	5.06	21.1	4.52	3.57	---	---	11
12	1.898	1.408	1.128	1.698	7.83	8.27	4.89	18.8	4.40	3.46	---	---	12
13	1.818	1.388	1.148	1.588	7.88	8.40	4.79	16.8	4.88	3.37	---	---	13
14	1.708	1.358	1.188	1.588	7.30	8.06	4.58	17.5	5.02	3.29	---	---	14
15	1.658	1.338	1.178	1.598	7.02	6.88	4.28	16.8	4.78	3.28A	---	---	15
16	1.908	1.328	1.168	1.608	7.02	5.58	4.60	13.8	4.66	3.15E	---	---	16
17	1.638	1.338	1.178	1.588	6.75	6.24	7.30	12.3	4.48	3.05E	---	---	17
18	1.688	1.308	1.178	1.558	7.34	6.02	8.08	11.3	4.32	3.00E	---	---	18
19	1.698	1.388	1.188	1.548	7.88	4.96	7.19	10.8	4.17	3.28A	---	---	19
20	1.678	1.408	1.158	1.648	7.96	5.70	8.89	12.2	4.07	3.20E	---	---	20
21	1.628	1.348	1.148	1.648	8.87	11.1	7.53	13.8	3.96	3.10E	---	---	21
22	1.638	1.328	1.138	1.638	8.36	8.78	7.32	12.0	3.82	3.06E	---	---	22
23	1.688	1.318	1.128	1.628	10.7	7.88	8.86	10.9	3.74	3.00E	---	---	23
24	1.648	1.308	1.118	1.628	11.5	8.80	8.02	9.88	3.68	2.95E	---	---	24
25	1.618	1.288	1.088	1.618	11.8	8.83	8.81	8.89	3.62	2.95E	---	---	25
26	1.588	1.268	1.088	1.808	11.7	8.48	8.18	8.32	4.07	2.88E	---	---	26
27	1.588	1.228	1.038	1.808	11.6	8.38	4.88	7.88	4.80	2.77E	---	---	27
28	1.548	1.188	1.018	4.88A	11.7	8.81	4.71	7.38	4.18	2.67A	---	---	28
29	1.558		1.178	8.66	12.4	8.84	4.61	7.33	4.00	2.63E	---	---	29
30	1.578		1.308	8.78	11.0	8.38	4.45	8.78	3.84	2.55E	---	---	30
31	1.558		1.408		10.2		8.78	8.40		2.60E	---	---	31
TOTAL	53.88	38.68	35.84	60.32	272.81	204.87	188.48	713.80	143.88	88.78	---	---	TOTAL
MEAN	1.74	1.38	1.15	2.01	8.80	8.83	5.43	23.0	4.80	3.22	---	---	MEAN
MAX	1.98	1.57	1.40	8.78	12.4	11.1	8.86	117	7.32	3.71	---	---	MAX
MIN	1.54	1.18	1.01	1.80	8.78	4.88	4.28	8.40	3.62	2.80	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.84
MAXIMUM DAILY, 117 ON AUG 2
MINIMUM DAILY, 1.018 ON MAR 28
MAXIMUM INSTANTANEOUS,
136 AT 08:48 MST ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 58 33 N
LONG 118 48 52 W
DRAINAGE AREA, 706 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 655	JUL	14 600
FEB	3 380	AUG	61 700
MAR	3 080	SEP	12 400
APR	6 210	OCT	8 820
MAY	23 800	NOV	---
JUN	17 700	DEC	---

TOTAL DISCHARGE, 147 000 dam³

NAMEPI CREEK NEAR THE MOUTH - STATION NO. 05EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0038	0.184	0.184	0.031	0.017	0.072	0.088	---	---	1
2	---	---	0 B	0.0088	0.183	0.188	0.008	0.020	0.071	0.081	---	---	2
3	---	---	0 B	0.2788	0.177	0.217	0.005	0.010	0.082	0.088	---	---	3
4	---	---	0 B	1.16 B	0.183	0.208	0.005	0.005	0.083	0.088	---	---	4
5	---	---	0 B	3.82 B	0.206	0.151	0.005	0.030	0.084	0.088	---	---	5
6	---	---	0 B	5.42 B	0.222	0.185	0.005A	0.062	0.108	0.088	---	---	6
7	---	---	0 B	5.42 B	0.208	0.163	0.005E	0.078	0.180	0.083	---	---	7
8	---	---	0 B	5.31 B	0.200	0.173	0.005E	0.077	0.140	0.088	---	---	8
9	---	---	0 B	5.82 B	0.214	0.167	0.005A	0.088	0.124	0.048	---	---	9
10	---	---	0 B	4.48 B	0.330	0.139	0.005	0.083	0.114	0.047	---	---	10
11	---	---	0 B	3.97	0.212	0.131	0.005	0.080	0.104	0.044	---	---	11
12	---	---	0 B	3.12	0.211	0.132	0.005	0.075	0.084	0.040	---	---	12
13	---	---	0 B	2.80	0.201	0.128	0.005	0.070	0.075	0.051	---	---	13
14	---	---	0 B	2.11	0.202	0.097	0.005	0.085	0.073	0.058	---	---	14
15	---	---	0 B	1.73	0.203	0.124	0.005	0.080	0.086	0.051	---	---	15
16	---	---	0 B	1.28	0.191	0.185	0.007	0.055	0.085	0.084	---	---	16
17	---	---	0 B	0.976	0.188	0.189	0.008	0.055	0.084	0.080	---	---	17
18	---	---	0 B	0.821	0.182	0.148	0.005	0.055	0.074	0.052	---	---	18
19	---	---	0 B	0.742	0.237	0.123	0.023	0.055	0.078	0.041	---	---	19
20	---	---	0 B	0.588	0.225	0.130	0.018	0.068	0.071	0.032	---	---	20
21	---	---	0 B	0.440	0.202	0.134	0.011	0.082	0.078	0.028	---	---	21
22	---	---	0 B	0.370	0.204	0.109	0.004	0.067	0.078	0.026	---	---	22
23	---	---	0 B	0.333	0.182	0.088	0.003	0.067	0.067	0.022	---	---	23
24	---	0B	0 B	0.288	0.174	0.085	0.005	0.055	0.063	0.023	---	---	24
25	---	0B	0.1778	0.260	0.170	0.062	0.005	0.050	0.060	0.025	---	---	25
26	---	0B	0.1678	0.237	0.201	0.025	0.003	0.068	0.068	0.022	---	---	26
27	---	0B	0.0528	0.213	0.291	0.008	0.003	0.068	0.060	0.017	---	---	27
28	---	0B	0 B	0.180	0.301	0.005	0.003	0.062	0.048	0.020	---	---	28
29	---	---	0 B	0.168	0.287	0.007	0.003	0.073	0.048	0.011A	---	---	29
30	---	---	0 B	0.143	0.211	0.017	0.003	0.072	0.051	0.010E	---	---	30
31	---	---	0.0058		0.188		0.003	0.087		0.010E	---	---	31
TOTAL	---	---	0.621	52.679	6.559	3.587	0.300	1.883	2.414	1.308	---	---	TOTAL
MEAN	---	---	0.014	1.76	0.212	0.119	0.006	0.061	0.080	0.042	---	---	MEAN
MAX	---	---	0.187	5.82	0.301	0.217	0.023	0.082	0.180	0.088	---	---	MAX
MIN	---	---	0	0.003	0.184	0.005	0.003	0.005	0.048	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.283
MAXIMUM DAILY, 5.928 ON APR 9
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 50 N
LONG 112 51 35 W
DRAINAGE AREA, 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.3
FEB	---	AUG	183
MAR	38.6	SEP	209
APR	4 570	OCT	113
MAY	587	NOV	---
JUN	308	DEC	---

TOTAL DISCHARGE, 5 980 dam³

NEW WEST COULEE NEAR THE MOUTH - STATION NO. 05BN006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.030	0.013	2.56	2.84	1.61	1.14	0.921	0.001	---	1
2	---	---	0 B	0.028	0.008	2.36	2.83	1.71	1.14	1.08	0.001A	---	2
3	---	---	0.0028	0.033	0.006	2.33	2.58	1.73	1.21	1.27	---	---	3
4	---	---	0.0288	0.037	0.008	2.44	2.82	1.68	1.23	1.22	---	---	4
5	---	---	0.0388	0.043	0.007	2.80	3.59	1.58	1.22	1.39	---	---	5
6	---	---	0.0288	0.043	0.007	2.40	3.55	1.62	1.20	1.33	---	---	6
7	---	---	0.0188	0.037	0.102	2.46	3.07	1.73	1.22	0.882	---	---	7
8	---	---	0.0118	0.031	0.865	2.20	3.30	1.67	1.14	0.653	---	---	8
9	---	---	0.0078	0.031	0.705	2.40	2.82	1.67	1.10	0.088	---	---	9
10	---	---	0.0038	0.024	0.888	2.18	3.78	1.98	1.04	0.025	---	---	10
11	---	---	0.0018	0.028	1.07	1.88	3.01	2.10	1.08	0.015	---	---	11
12	---	---	0.0018	0.038	1.11	1.84	2.83	2.07	1.08	0.012	---	---	12
13	---	---	0.0018	0.031	1.42	2.44	2.82	1.77	1.08	0.010	---	---	13
14	---	---	0.0018	0.022	1.83	2.44	2.23	1.82	1.07	0.010	---	---	14
15	---	---	0.0018	0.018	1.41	2.89	2.80	1.73	1.03	0.008	---	---	15
16	---	---	0.0028	0.015	1.40	3.23	2.82	1.84	0.988	0.007	---	---	16
17	---	---	0.0028	0.020	1.48	4.87	2.78	1.81	0.894	0.008	---	---	17
18	---	---	0.0088	0.034	1.82	3.86	3.84	1.38	0.952	0.008	---	---	18
19	---	---	0.0128	0.021	1.71	3.86	4.87	1.34	0.889	0.004	---	---	19
20	---	---	0.0158	0.018	2.89	3.72	2.83	1.30	0.883	0.003	---	---	20
21	---	---	0.0148	0.015	2.04	3.73	2.23	1.29	1.02	0.001	---	---	21
22	---	---	0.0138	0.014	2.09	3.86	2.27	1.36	0.948	0	---	---	22
23	---	---	0.0108	0.014	1.87	3.81	3.03	1.32	0.888	0	---	---	23
24	---	---	0.0068	0.014	2.18	3.73	1.84	1.36	1.07	0.003	---	---	24
25	---	0.0018	0.0178	0.015	2.37	3.32	1.84	1.30	1.18	0.003	---	---	25
26	---	0.0018	0.0228	0.018	2.40	2.34	1.87	1.23	1.08	0.001	---	---	26
27	---	0 B	0.0088	0.015	2.60	2.88	1.84	1.22	1.30	0.001	---	---	27
28	---	0 B	0.0068	0.013	2.00	2.88	1.74	1.38	1.28	0.001	---	---	28
29	---	---	0.0048	0.013	2.13	2.77	1.84	1.38	0.898	0.001	---	---	29
30	---	---	0.0088	0.014	2.40	3.83	1.73	1.31	0.858	0.001	---	---	30
31	---	---	0.026		2.82		1.83	1.24		0.002	---	---	31
TOTAL	---	---	0.303	0.712	62.423	82.83	81.77	48.83	33.181	6.744	---	---	TOTAL
MEAN	---	---	0.010	0.024	1.37	2.76	2.84	1.67	1.07	0.282	---	---	MEAN
MAX	---	---	0.026	0.043	2.80	4.87	4.87	2.10	1.30	1.38	---	---	MAX
MIN	---	---	0	0.013	0.007	1.84	1.83	1.22	0.858	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 4.87 ON JUL 18
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 00 N
LONG 112 05 15 W
DRAINAGE AREA, 312 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 080
FEB	---	AUG	4 180
MAR	28.2	SEP	2 760
APR	81.8	OCT	785
MAY	3 870	NOV	---
JUN	7 170	DEC	---

TOTAL DISCHARGE, 25 700 dam³

NINE MILE COULEE NEAR LETHBRIDGE - STATION NO. 05AE042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0188	0.001	0.382	0.328	0.171	0.123	0.218	0.005	---	1
2	---	---	---	0.0218	0	0.172	0.383	0.182	0.086	0.181	0.003A	---	2
3	---	---	---	0.023	0	0.148	0.388	0.183	0.081	0.182	---	---	3
4	---	---	---	0.020	0	0.148	0.456	0.183	0.088	0.188	---	---	4
5	---	---	---	0.018	0	0.180	0.333	0.338	0.088	0.214	---	---	5
6	---	---	---	0.018	0	0.178	0.443	0.332	0.098	0.178	---	---	6
7	---	---	---	0.014	0	0.208	0.188	0.374	0.101	0.282	---	---	7
8	---	---	---	0.012	0	0.258	0.148	0.309	0.138	0.286	---	---	8
9	---	---	---	0.010	0	0.348	0.323	0.333	0.132	0.188	---	---	9
10	---	---	---	0.008	0	0.298	0.317	0.370	0.137	0.228	---	---	10
11	---	---	---	0.006	0.080	0.248	0.283	0.505	0.187	0.253	---	---	11
12	---	---	---	0.009	0.173	0.185	0.180	0.442	0.206	0.188	---	---	12
13	---	---	---	0.008	0.107	0.258	0.247	0.308	0.218	0.197	---	---	13
14	---	---	---	0.007	0.078	0.282	0.283	0.247	0.226	0.144	---	---	14
15	---	---	---	0.005	0.052	0.285	0.148	0.215	0.232	0.116	---	---	15
16	---	---	---	0.004	0.175	0.284	0.108	0.176	0.226	0.112	---	---	16
17	---	---	---	0.003	0.228	0.181	0.092	0.306	0.281	0.188	---	---	17
18	---	---	---	0.003	0.220	0.161	0.331	0.143	0.277	0.178	---	---	18
19	---	---	---	0.002	0.188	0.467	0.880	0.123	0.282	0.142	---	---	19
20	---	---	---	0.002	0.340	0.484	0.383	0.123	0.270	0.181	---	---	20
21	---	---	---	0.001	0.353	0.413	0.328	0.123	0.268	0.178	---	---	21
22	---	---	---	0.002	0.322	0.382	0.408	0.128	0.218	0.169	---	---	22
23	---	---	0.0368	0.002	0.308	0.308	0.242	0.121	0.158	0.183	---	---	23
24	---	---	0.0328	0.002	0.277	0.281	0.204	0.213	0.110	0.187	---	---	24
25	---	---	0.0348	0.001	0.304	0.284	0.185	0.187	0.147	0.114	---	---	25
26	---	---	0.0328	0.001	0.345	0.188	0.177	0.181	0.178	0.072	---	---	26
27	---	---	0.0288	0.002	0.478	0.118	0.178	0.181	0.226	0.024	---	---	27
28	---	---	0.0228	0.003	0.458	0.858	0.188	0.139	0.217	0.025	---	---	28
29	---		0.0188	0.003	0.238	0.430	0.188	0.132	0.187	0.013	---	---	29
30	---		0.0188	0.003	0.338	0.327	0.180	0.137	0.178	0.008	---	---	30
31	---		0.0158		0.408		0.188	0.134		0.007		---	31
TOTAL	---	---	---	0.233	5.427	5.368	5.271	5.773	5.334	4.801	---	---	TOTAL
MEAN	---	---	---	0.008	0.175	0.280	0.287	0.218	0.178	0.148	---	---	MEAN
MAX	---	---	---	0.023	0.478	0.598	0.880	0.505	0.288	0.288	---	---	MAX
MIN	---	---	---	0.001	0	0.118	0.092	0.121	0.081	0.007	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.182
MAXIMUM DAILY, 0.598 ON JUN 26
MINIMUM DAILY, 0 ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 18 N
LONG 113 47 06 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	715
FEB	---	AUG	585
MAR	---	SEP	481
APR	20.1	OCT	398
MAY	465	NOV	---
JUN	724	DEC	---

TOTAL DISCHARGE, 3 370 dam³

NORDEGG RIVER AT SUNCHILD ROAD - STATION NO. 05DD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.048	1.738	1.648	1.528	4.04	4.28	2.43	3.75	4.86	2.20	1.98	1.23 B	1
2	2.028	1.738	1.628	1.668	4.16	3.88	2.67	4.87	4.36	2.12	1.87	1.20 B	2
3	2.018	1.738	1.608	1.928	4.16	3.48	2.60	7.84	4.16	2.03	1.84	1.17 B	3
4	2.008	1.738	1.588	2.428	3.82	3.18	2.68	8.28	4.00	2.13	1.81	1.15 B	4
5	1.988	1.738	1.588	2.458	3.80	3.04	4.40	5.63	3.76	2.38	1.88	1.13 B	5
6	1.978	1.738	1.578	3.308	3.28	2.90	5.40	5.39	3.52	2.53	1.82	1.11 B	6
7	1.968	1.738	1.568	3.508	3.06	2.77	8.03	4.77	3.28	2.41	1.84 B	1.10 B	7
8	1.958	1.738	1.548	3.458	2.93	2.57	8.47	4.18	3.28	2.31	1.78 B	1.09 B	8
9	1.948	1.738	1.528	3.408	2.82	2.47	8.18	3.87	3.21	2.18	1.75 B	1.08 B	9
10	1.938	1.738	1.508	3.358	2.78	2.73	10.8	4.01	3.14	2.10	2.07 B	1.07 B	10
11	1.928	1.738	1.508	3.288	2.86	3.13	12.1	5.13	3.08	2.11	1.82 B	1.06 B	11
12	1.918	1.738	1.508	3.248	2.58	3.13	9.21	5.70	2.88	2.07	1.63 B	1.04 B	12
13	1.908	1.738	1.508	3.198	2.67	3.78	7.41	5.73	2.74	2.05	1.58 B	1.02 B	13
14	1.898	1.738	1.508	3.178	2.70	3.48	6.08	5.14	2.66	2.01	1.24 B	0.9808	14
15	1.888	1.738	1.508	3.238	2.81	2.31	5.18	5.78	2.55	1.97	1.35 B	0.9328	15
16	1.878	1.738	1.508	3.288	2.80	2.87	4.81	7.24	2.59	1.93	1.18 B	0.8208	16
17	1.868	1.738	1.508	3.318	2.41	4.78	4.28	8.48	2.64	1.83	0.4888	0.7808	17
18	1.858	1.738	1.508	3.358	2.47	5.17	4.36	8.10	2.61	1.93	1.10 B	0.7608	18
19	1.848	1.738	1.508	3.378	3.46	4.88	5.37	8.48	2.52	1.88	1.37 B	0.7758	19
20	1.838	1.738	1.508	3.148	4.11	4.10	5.82	6.92	2.50	1.93	1.84 B	0.7708	20
21	1.828	1.738	1.508	3.748	4.74	3.88	5.34	6.64	2.45	1.98	2.08 B	0.7858	21
22	1.818	1.728	1.508	4.258	8.30	4.02	5.30	4.12	2.39	1.97	2.10 B	0.7808	22
23	1.808	1.718	1.508	4.388	7.79	3.81	4.82	3.82	2.33	2.01	1.87 B	0.7558	23
24	1.798	1.708	1.508	4.09	8.83	3.26	4.02	3.74	2.29	2.08	1.81 B	0.7508	24
25	1.788	1.698	1.508	3.88	9.62	2.95	3.68	6.57	2.19	2.42	1.43 B	0.7408	25
26	1.778	1.688	1.508	3.68	8.48	2.67	4.70	6.41	2.30	2.30	1.37 B	0.7308	26
27	1.768	1.678	1.508	3.63	6.68	2.47	5.37	5.34	2.33	2.21	1.32 B	0.7208	27
28	1.758	1.668	1.508	3.58	7.33	2.47	4.60	4.82	2.40	2.24	1.30 B	0.7108	28
29	1.748		1.508	3.78	8.31	2.44	3.91	4.49	2.47	2.06	1.28 B	0.7008	29
30	1.738		1.508	3.94	6.41	2.43	3.48	5.02	2.26	2.02	1.28 B	0.6908	30
31	1.738		1.508		4.83		3.26	5.86		2.00		0.6858	31
TOTAL	58.03	48.18	47.32	98.93	141.82	97.99	171.80	165.29	87.83	65.45	48.148	28.312	TOTAL
MEAN	1.87	1.72	1.52	3.30	4.57	3.27	5.54	5.33	2.93	2.11	1.60	0.913	MEAN
MAX	2.04	1.73	1.64	4.38	8.62	5.17	12.1	7.84	4.86	2.53	2.10	1.23	MAX
MIN	1.73	1.66	1.50	1.52	2.41	2.31	2.43	3.74	2.19	1.88	0.488	0.685	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.80
MAXIMUM DAILY, 12.1 ON JUL 11
MINIMUM DAILY, 0.488B ON NOV 17
MAXIMUM INSTANTANEOUS,
13.3 AT 23:27 MST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 13 N
LONG 115 31 10 W
DRAINAGE AREA, 876 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 010	JUL	14 800
FEB	4 180	AUG	14 300
MAR	4 080	SEP	7 600
APR	8 550	OCT	5 650
MAY	12 200	NOV	4 180
JUN	8 470	DEC	2 450

TOTAL DISCHARGE, 81 500 dam³

NORTH FORK MILK RIVER ABOVE ST. MARY CANAL - STATION NO. 11AA032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2838	0.595	0.428	0.383	0.227	0.218	0.244	0.383	---	---	1
2	---	---	0.3118	0.851	0.368	0.383	0.269	0.207	0.238	0.383	---	---	2
3	---	---	0.4258	1.08	0.340	0.372	0.238	0.218	0.238	0.383	---	---	3
4	---	---	1.70 B	3.28	0.311	0.368	0.207	0.238	0.258	0.378	---	---	4
5	---	---	3.83 B	5.68	0.311	0.368	0.227	0.227	0.268	0.380	---	---	5
6	---	---	1.12	0.89	0.311	0.248	0.227	0.235	0.288	0.283	---	---	6
7	---	---	0.680	1.18	0.311	0.238	0.207	0.283	0.272	0.283	---	---	7
8	---	---	0.453	0.850	0.283	0.335	0.207	0.238	0.272	0.283	---	---	8
9	---	---	0.3408	0.708	0.283	0.272	0.207	0.238	0.248	0.311	---	---	9
10	---	---	0.3118	0.566	0.272	0.268	0.268	0.235	0.248	0.311	---	---	10
11	---	---	0.3408	0.566	0.272	0.238	0.311	0.288	0.248	0.311	---	---	11
12	---	---	0.428	0.481	0.272	0.227	0.238	0.283	0.238	0.311	---	---	12
13	---	---	0.453	0.453	0.272	0.227	0.218	0.258	0.238	0.311	---	---	13
14	---	---	0.368	0.481	0.272	0.218	0.188	0.368	0.248	0.283	---	---	14
15	---	---	0.3408	0.538	0.258	0.207	0.180	0.428	0.248	0.340	---	---	15
16	---	---	0.368	0.538	0.272	0.227	0.180	0.340	0.311	0.340	---	---	16
17	---	---	0.340	0.538	0.272	0.248	0.258	0.283	0.368	0.340	---	---	17
18	---	---	0.340	0.566	0.272	0.238	0.623	0.258	0.283	0.311	---	---	18
19	---	---	0.2278	0.481	0.248	0.368	0.736	0.248	0.258	0.311	---	---	19
20	---	---	0.2958	0.453	0.248	0.283	0.368	0.238	0.258	0.311	---	---	20
21	---	---	0.2838	0.425	0.272	0.258	0.283	0.227	0.248	0.311	---	---	21
22	---	---	0.2898	0.425	0.283	0.227	0.453	0.235	0.248	0.311	---	---	22
23	---	---	0.2858	0.425	0.272	0.215	0.598	0.248	0.248	0.311	---	---	23
24	---	---	0.3118	0.425	0.368	0.215	0.368	0.481	0.248	0.311	---	---	24
25	---	---	0.340	0.368	0.283	0.215	0.283	0.453	0.258	0.311	---	---	25
26	---	---	0.368	0.368	0.453	0.207	0.248	0.368	0.283	0.311	---	---	26
27	---	---	0.2858	0.368	1.02	0.207	0.227	0.283	0.510	0.311	---	---	27
28	---	---	0.1868	0.368	0.793	0.207	0.221	0.272	0.340	0.311	---	---	28
29	---		0.2278	0.368	0.368	0.215	0.227	0.248	0.311	0.283	---	---	29
30	---		0.2838	0.368	0.340	0.212	0.227	0.258	0.311	0.283	---	---	30
31	---		0.428		0.340		0.227	0.248		0.283	---	---	31
TOTAL	---	---	15.181	26.199	10.879	7.248	8.961	8.808	8.218	9.381	---	---	TOTAL
MEAN	---	---	0.489	0.940	0.341	0.242	0.288	0.278	0.274	0.303	---	---	MEAN
MAX	---	---	2.83	5.68	1.03	0.368	0.736	0.481	0.510	0.340	---	---	MAX
MIN	---	---	0.186	0.368	0.248	0.207	0.180	0.207	0.238	0.278	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.383
MAXIMUM DAILY, 5.68 ON APR 5
MINIMUM DAILY, 0.180 ON JUL 15
MAXIMUM INSTANTANEOUS,
13.8 AT 23:30 MST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 15 N
LONG 113 03 19 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	774
FEB	---	AUG	743
MAR	1 310	SEP	710
APR	2 880	OCT	811
MAY	914	NOV	---
JUN	828	DEC	---

TOTAL DISCHARGE, 8 230 dam³

NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2908	10.6	8.43	15.8	15.4	14.4	14.6	0.233	0.282	---	1
2	---	---	0.3018	9.89	7.80	15.7	15.6	13.9	14.6	0.232	0.285	---	2
3	---	---	0.4418	11.2	7.57	17.1	15.8	14.1	14.5	0.232	0.290A	---	3
4	---	---	2.32 B	12.4	7.58	17.8	15.4	14.1	14.7	0.227	---	---	4
5	---	---	3.80 B	14.1	7.47	18.1	15.8	13.8	14.7	0.238	---	---	5
6	---	---	1.50 B	13.7	7.83	18.4	15.0	14.2	14.7	0.234	---	---	6
7	---	---	1.48 B	9.43	8.70	18.5	10.4	14.3	14.8	0.242	---	---	7
8	---	---	3.66 B	8.20	12.0	18.5	7.37	14.5	14.6	0.243	---	---	8
9	---	---	5.88 B	9.07	12.7	18.9	8.32	14.5	10.4	0.259	---	---	9
10	---	---	6.66 B	8.81	13.0	18.6	7.87	14.8	4.93	0.266	---	---	10
11	---	---	8.04 B	8.66	13.6	18.5	9.87	14.6	1.83	0.267	---	---	11
12	---	---	11.0 B	7.69	14.6	18.4	8.76	14.7	0.892	0.257	---	---	12
13	---	---	11.8	7.08	15.6	18.1	8.68	15.0	0.618	0.258	---	---	13
14	---	---	12.4	6.82	17.0	13.9	10.7	15.8	0.518	0.260	---	---	14
15	---	---	12.6	3.84	18.0	13.6	12.1	15.0	0.482	0.308	---	---	15
16	---	---	13.0	3.88	18.1	13.7	13.0	14.4	0.536	0.314	---	---	16
17	---	---	13.0	3.44	18.6	14.6	13.3	14.4	0.483	0.298	---	---	17
18	---	---	12.8	3.81	18.5	15.9	14.3	14.8	0.367	0.291	---	---	18
19	---	---	13.3	3.48	15.9	16.6	14.5	15.1	0.321	0.280	---	---	19
20	---	---	13.2	3.44	18.6	16.8	13.6	15.2	0.285	0.276	---	---	20
21	---	---	13.1	3.43	18.7	16.6	13.5	15.0	0.288	0.271	---	---	21
22	---	---	12.9	3.28	17.3	16.5	14.4	15.2	0.285	0.272	---	---	22
23	---	---	12.6	3.87	14.0	16.3	13.7	15.3	0.252	0.277	---	---	23
24	---	---	12.1	5.11	10.5	16.2	11.7	16.0	0.233	0.283	---	---	24
25	---	---	11.9	5.08	8.88	16.0	13.6	15.4	0.232	0.278	---	---	25
26	---	0.2748	11.1	4.81	8.73	15.9	13.4	14.9	0.277	0.287	---	---	26
27	---	0.1608	10.8	5.00	8.82	15.8	13.3	14.6	0.484	0.277	---	---	27
28	---	0.1908	10.3 B	4.94	13.8	15.4	13.4	14.7	0.371	0.284	---	---	28
29	---		10.4 B	5.01	16.4	15.4	13.9	14.8	0.281	0.284	---	---	29
30	---		10.4	4.95	16.7	15.4	14.3	14.7	0.247	0.284	---	---	30
31	---		10.3		16.9		14.5	14.7		0.273	---	---	31
TOTAL	---	---	273.152	204.59	413.67	487.2	383.78	466.4	141 980	8.219	---	---	TOTAL
MEAN	---	---	8.81	6.82	13.3	16.2	12.7	14.7	4.73	0.265	---	---	MEAN
MAX	---	---	13.3	14.1	18.7	18.6	15.8	16.0	14.8	0.314	---	---	MAX
MIN	---	---	0.260	3.28	8.43	13.6	8.32	13.8	0.232	0.227	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.75
MAXIMUM DAILY, 18.7 ON MAY 21
MINIMUM DAILY, 0.227 ON OCT 4
MAXIMUM INSTANTANEOUS,
22.0 AT 02:18 MST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 01 18 N
LONG 112 58 16 W
DRAINAGE AREA, 238 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	34 000
FEB	---	AUG	36 400
MAR	23 800	SEP	12 300
APR	17 700	OCT	710
MAY	35 700	NOV	---
JUN	43 000	DEC	---

TOTAL DISCHARGE, 208 000 dam³

NORTH RAM RIVER AT FORESTRY ROAD - STATION NO. 05DC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.838	1.01	1.27	4.08	3.83	1.84	0.831	---	1
2	---	---	---	---	0.888	1.03	1.21	4.42	3.84	1.80	0.816	---	2
3	---	---	---	---	0.882	1.03	1.27	4.03	4.01	1.85	0.826A	---	3
4	---	---	---	---	0.885	1.01	1.88	3.88	3.85	1.83	---	---	4
5	---	---	---	---	0.888	1.00	1.84	4.88	3.47	1.58	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	0.803	0.[illegible]30	2.88	4.83	3.83	1.52	---	---	7
8	---	---	---	---	0.803	0.967	2.88	4.88	3.33	1.48	---	---	8
9	---	---	---	---	0.810	0.948	3.48	4.32	3.18	1.41	---	---	9
10	---	---	---	---	0.826	0.953	4.18	5.30	3.03	1.37	---	---	10
11	---	---	---	---	0.822	0.948	4.31	5.40	2.82	1.33	---	---	11
12	---	---	---	---	0.820	0.928	4.18	5.93	2.83	1.31	---	---	12
13	---	---	---	---	0.819	0.908	3.84	5.14	2.76	1.28	---	---	13
14	---	---	---	---	0.588	0.908	3.88	5.88	2.66	1.28	---	---	14
15	---	---	---	---	0.588	0.915	3.84	7.48	2.87	1.27	---	---	15
16	---	---	---	---	0.595	1.28	3.80	7.81	2.54	1.24	---	---	16
17	---	---	---	---	0.582	1.34	3.55	7.78	2.42	1.22	---	---	17
18	---	---	---	---	0.628	1.27	3.78	7.28	2.31	1.17	---	---	18
19	---	---	---	---	0.684	1.32	4.05	8.81	2.23	1.13	---	---	19
20	---	---	---	---	0.633	1.40	4.05	8.44	2.14	1.09	---	---	20
21	---	---	---	---	0.657	1.42	4.21	5.89	2.03	1.08	---	---	21
22	---	---	---	---	0.681	1.38	4.38	5.44	1.88	1.04	---	---	22
23	---	---	---	---	0.737	1.38	4.81	5.20	1.90	0.991	---	---	23
24	---	---	---	---	0.780	1.32	4.77	5.58	1.88	0.982	---	---	24
25	---	---	---	---	0.841	1.28	5.00	5.08	1.82	0.985	---	---	25
26	---	---	---	---	0.878	1.23	4.81	4.72	2.08	0.960	---	---	26
27	---	---	---	0.381A	0.911	1.33	4.41	4.38	2.04	0.958	---	---	27
28	---	---	---	0.417	0.937	1.36	4.11	4.24	1.88	0.954	---	---	28
29	---		---	0.482	0.956	1.28	3.85	4.88	1.77	0.940	---	---	29
30	---		---	0.483	0.987	1.31	3.78	4.32	1.88	0.943	---	---	30
31	---		---		1.01		3.88	4.05		0.939		---	31
TOTAL	---	---	---	---	21.384	34.385	110.19	166.06	78.85	38.348	---	---	TOTAL
MEAN	---	---	---	---	0.890	1.15	3.55	5.36	2.68	1.24	---	---	MEAN
MAX	---	---	---	---	1.01	1.42	5.00	7.81	4.01	1.84	---	---	MAX
MIN	---	---	---	---	0.536	0.906	1.21	3.88	1.88	0.939	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.45
MAXIMUM DAILY, 7.81 ON AUG 16
MINIMUM DAILY, 0.536 ON MAY 1
MAXIMUM INSTANTANEOUS,
8.08 AT 23:37 MST ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 55 N
LONG 115 59 30 W
DRAINAGE AREA, 348 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 520
FEB	---	AUG	14 300
MAR	---	SEP	6 900
APR	---	OCT	3 310
MAY	1 850	NOV	---
JUN	2 970	DEC	---

TOTAL DISCHARGE, 38 900 dam³

NORTH SASKATCHEWAN RIVER AT EDMONTON - STATION NO. 05DF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1620	1520	102 B	2760	173	180	181	225	147	172	111	86.9B	1
2	1560	1480	127 B	3330	165	171	172	205	160	191	111	112 B	2
3	1500	1150	96.6B	3600	163	192	146	211	223	162	91.3	96.2B	3
4	1430	1200	138 B	3610	157	201	172	199	181	177	103	136 B	4
5	1370	1480	147 B	3760	148	162	191	228	180	105	107	141 B	5
6	1290	1510	148 B	2370	178	120	159	199	159	152	105	144 B	6
7	1250	1560	136 B	2330	167	85.6	214	202	145	131	116	153 B	7
8	1380	1690	176 B	2430	164A	110	283	197	155	141	114	148 B	8
9	1290	1640	153 B	2600	165E	129	246	163	134	146	115	132 B	9
10	1310	1250	101 B	2850	168E	167	249	189	139	152	143	130 B	10
11	1360	1320	116 B	2800	167E	207	257	161	159	155	114	112 B	11
12	1460	1660	132 B	2850	167A	226	263	160	139	124	146	114 B	12
13	1400	1760	177 B	2800	214	216	232	165	136	107	153	136 B	13
14	1360	1910	181 B	2150	220	206	215	190	86.8	103 A	136	123 B	14
15	1600	1640	179 B	2360	249	197	218	191	116	136	152	124 B	15
16	1400	1660	136 B	2340	223	214	232	158	123	131	136	126 B	16
17	1880	1360	101 B	2200	187	225	267	176	160	107	128	104 B	17
18	1420	1460	122 B	243	166	229	237	176	137	84.3	126	86.3B	18
19	1580	1860	146 B	205	170	256	229	185	134	84.3	132	109 B	19
20	1480	1760	173 B	188	171	266	301	245	136	98.4	116	123 B	20
21	1350	1770	176 B	211	184	243	214	228	134	121	137	110 B	21
22	1390	1600	163 B	242	154	213	246	167	128	161	144	110 B	22
23	1340	1540	163 B	241	212	186	264	186	136	111	98.6	123 B	23
24	1380	1190	156 B	216	207	202	267	156	151	113	152	126 B	24
25	1370	1290	183 B	202	171A	206	243	160	149	121	146	116 B	25
26	1280	1490	200 B	195	188A	240	249	153	140	93.6	130	102 B	26
27	1130	1570	186 B	157	200	244	226	170	143	91.0	124	110 B	27
28	1240	1150	206 B	156	216	206	239	161	120	92.4	127	106 B	28
29	1320		216 B	179	229	178	246	153	124	86.6	136	120 B	29
30	1470		196 B	181	235	156	268	151	160	113	107	162 B	30
31	1420		194 B		203		270	146		116		157 B	31
TOTAL	4 319	4 291	4 846.8	7 288	5 920	5 860.8	7 033	5 770	4 372.8	3 896.8	3 738.9	3 785.4	TOTAL
MEAN	139	153	156	243	191	195	227	186	146	126	126	122	MEAN
MAX	162	191	216	376	249	266	268	245	223	191	153	163	MAX
MIN	113	115	96.6	156	148	85.6	146	146	86.6	91.0	91.3	86.9	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 167
MAXIMUM DAILY, 3760 ON APR 5
MINIMUM DAILY, 85.6 ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 15 N
LONG 113 29 04 W
DRAINAGE AREA, 28 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1980

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	373 000	JUL	606 000
FEB	371 000	AUG	499 585
MAR	418 000	SEP	376 805
APR	630 000	OCT	337 000
MAY	511 000	NOV	333 000
JUN	506 000	DEC	327 000

TOTAL DISCHARGE, 6 280 000 dam³

NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT - STATION NO. 05DA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.508	4.858	5.408	5.41A	44.1	86.1	184	219	109	48.2	16.0	4.478	1
2	5.508	4.508	5.118	5.47A	81.1	83.1	209	188	124	46.8	14.0	4.508	2
3	5.858	4.158	5.818	5.63E	80.0	47.3	227	152	108	58.4	14.0	4.858	3
4	6.008	4.508	6.378	5.87A	46.6	86.8	229	157	93.7	53.8	13.7	5.808	4
5	6.008	5.408	6.288	7.34A	33.8	86.8	227	157	84.1	40.4	13.1	6.008	5
6	5.858	5.108	7.278	6.61A	38.7	170	203	147	97.4	34.3	12.8	5.828	6
7	5.858	5.208	7.008	6.18A	46.0	181	172	147	88.3	31.4	12.0	5.808	7
8	5.758	5.008	6.808	6.58A	72.2	186	181	162	80.1	30.5	11.8	5.308	8
9	5.708	5.158	6.008	7.97A	89.8	172	150	181	88.8	27.9	11.2	5.008	9
10	5.608	5.158	5.708	7.72A	102	181	128	163	88.8	25.8	11.5	5.208	10
11	5.958	5.008	5.808	7.82A	85.5	186	113	149	84.8	24.2	11.2	5.008	11
12	6.058	5.858	6.308	7.55A	89.8	180	126	118	88.8	23.2	11.4	4.708	12
13	6.128	5.808	6.33	7.24A	107	202	138	104	103	22.8	11.0	4.808	13
14	6.008	6.008	6.178	7.27	81.2	203	186	108	97.5	21.8	11.0	4.078	14
15	5.858	6.008	6.178	7.68	78.8	216	178	93.6	112	21.1	8.848	3.808	15
16	5.858	5.858	6.428	7.84	88.0	226	183	88.0	78.7	19.8	8.258	3.708	16
17	5.858	5.808	6.248	7.62	88.8	186	118	81.3	88.8	18.7	7.858	4.108	17
18	5.578	5.808	5.88	7.18	78.1	170	108	73.2	81.1	17.0	8.508	5.008	18
19	5.118	5.808	5.80	6.77	81.8	186	88.3	67.8	48.8	16.3	10.0 8	5.408	19
20	5.088	5.858	5.88	6.48	48.7	188	101	73.1	46.1	15.8	11.7 8	8.208	20
21	5.118	5.858	5.73	6.62	43.0	188	118	88.2	48.8	15.7A	10.1 8	6.188	21
22	5.438	5.708	5.258	7.63	38.4	181	128	83.5	82.4	14.3A	8.848	5.008	22
23	5.268	5.508	5.418	7.88	36.2	130	148	88.7	70.0	14.3	8.258	5.888	23
24	4.908	5.308	5.448	7.40	33.5	88.8	184	70.0A	70.2	14.8A	8.118	5.808	24
25	5.038	5.158	5.458	7.80	37.0	80.8	180	74.08	87.2	14.3	8.008	6.888	25
26	4.988	5.208	5.88	7.77	47.8	118	185	77.08	72.8	14.3	7.808	5.738	26
27	5.058	5.278	6.148	8.80	88.6	151	198	80.8A	81.4	13.7	8.708	5.738	27
28	5.038	5.238	3.908	11.2	87.2	188	213	88.4	67.4	13.8	8.808	5.858	28
29	5.208		4.108	10.9	81.8	170	224	82.0	62.8	13.5	8.808	5.678	29
30	5.208		5.408	27.3	82.7	178	238	82.3	63.0	12.8	4.818	4.918	30
31	5.188		5.83		78.1		238	88.3		13.8		4.408	31
TOTAL	171.88	156.06	178.36	256.81	2 041.7	4 482.7	5 207.3	3 455.7	2 349.0	750.6	303.05	159.28	TOTAL
MEAN	5.54	5.57	5.75	8.53	88.8	150	188	111	78.3	24.2	10.1	5.14	MEAN
MAX	6.12	6.30	7.27	27.3	107	224	238	219	134	54.4	14.0	8.20	MAX
MIN	4.90	4.15	3.90	5.41	33.5	47.3	88.3	83.5	42.8	13.5	4.81	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.5
MAXIMUM DAILY, 238 ON JUL 31
MINIMUM DAILY, 3.708 ON DEC 18
MAXIMUM INSTANTANEOUS,
246 AT 04:45 MST ON JUL 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 06 N
LONG 118 28 10 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 800	JUL	450 000
FEB	13 500	AUG	299 000
MAR	15 400	SEP	203 000
APR	22 100	OCT	64 900
MAY	176 000	NOV	26 200
JUN	388 000	DEC	13 800

TOTAL DISCHARGE, 1 690 000 dam³

NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT - STATION NO. 05DC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	76.5	61.2	71.4	70.8	72.3	112	88.2	71.1	45.8	82.4	47.0	61.4	1
2	77.5	74.3	74.1	72.6	85.8	46.9	120	74.4	46.9	87.9	49.2	66.3	2
3	76.3	74.4	70.9	75.6	74.5	0.283	87.6	65.2	43.1	77.9	48.9	72.0	3
4	66.3	74.8	72.7	76.8	70.6	16.5	66.9	61.2	38.0	78.4	46.5	82.7	4
5	74.5	67.5	70.2	76.3	76.9	87.4	69.0	61.2	46.2	73.2	61.6	61.2	5
6	76.6	73.1	69.1	66.7	72.3	84.1	93.5	66.9	31.6	77.4	46.9	66.5	6
7	72.0	69.0	62.1	60.1	68.7	86.3	103	47.5	41.2	66.6	51.0	64.2	7
8	67.6	60.9	62.2	66.4	80.9	122	123	39.5	41.0	64.4	34.9	67.6	8
9	72.3	76.9	76.5	76.6	81.6	116	126	37.5	39.9	64.6	80.0	61.4	9
10	66.0	73.6	76.4	60.7	66.1	116	116	36.5	36.9	66.6	80.6	66.6	10
11	62.7	75.4	66.0	60.4	116	113	103	26.6	34.7	63.0	67.0	66.6	11
12	67.6	60.4	73.0	74.6	113	132	77.6	16.6	64.1	69.6	69.3	60.6	12
13	102	73.6	66.6	76.2	104	120	120	12.2	64.6	66.6	81.9	62.3	13
14	63.3	71.6	66.2	61.4	124	111	119	12.6	74.0	36.2	66.2	61.6	14
15	67.2	63.9	63.1	71.3	102	134	121	13.1	34.4	60.2	66.4	66.6	15
16	74.7	76.3	60.3	71.3	66.6	112	114	11.6	27.6	66.6	49.6	71.6	16
17	66.6	76.6	66.6	66.6	66.7	140	86.3	10.1	72.2	66.7	66.6	72.1	17
18	66.1	74.6	66.1	66.2	76.2	137	101	11.6	62.0	60.0	63.6	71.6	18
19	70.3	76.3	63.4	63.6	65.4	134	77.6	1.06	61.6	77.6	64.1	62.6	19
20	72.1	76.4	66.7	76.6	106	106	122	0.621	60.6	26.6	66.0	73.1	20
21	66.4	66.6	74.6	62.6	102	66.6	67.7	6.43	70.4	63.6	60.6	66.3	21
22	66.0	63.6	71.3	66.4	66.7	117	66.6	0.663	70.6	46.1	70.7	63.6	22
23	66.1	76.6	66.4	66.6	63.6	117	62.4	16.1	66.6	46.7	67.6	66.3	23
24	62.1	60.7	70.4	66.4	66.7	134	101	1.02	71.4	46.4	62.6	67.6	24
25	66.0	61.7	76.6	66.2	116	136	80.0	1.06	74.6	30.7	63.0	63.2	25
26	77.0	80.0	74.6	66.6	111	122	66.3	6.63	70.6	41.6	67.3	76.7	26
27	67.6	76.3	76.6	72.0	116	106	106	16.6	66.6	46.0	67.6	63.1	27
28	74.2	101	67.0	71.0	117	66.7	80.6	1.06	76.6	66.6	63.7	74.6	28
29	66.6		66.6	74.4	112	101	104	22.3	66.7	47.6	61.4	66.0	29
30	74.4		60.6	72.1	107	66.7	76.6	20.0	76.6	43.6	63.1	101	30
31	66.6		77.6		93.2		83.2	36.3		60.7		66.0	31
TOTAL	2 241.6	2 016.7	2 146.3	2 247.0	2 916.6	3 136.663	3 102.6	617.046	1 703.6	1 634.6	1 731.2	2 146.3	TOTAL
MEAN	72.3	72.0	69.3	74.9	94.0	106	100	28.4	56.6	52.7	57.7	69.3	MEAN
MAX	102	101	86.0	86.4	124	140	126	74.4	86.7	84.4	80.0	101	MAX
MIN	66.6	60.7	46.2	63.6	46.4	0.283	76.6	0.621	37.6	26.6	34.9	84.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.4
MAXIMUM DAILY, 140 ON JUN 17
MINIMUM DAILY, 0.283 ON JUN 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 38 N
LONG 116 18 21 W
DRAINAGE AREA, 3 890 km²

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	194 000	JUL	388 000
FEB	174 000	AUG	70 600
MAR	188 000	SEP	147 000
APR	194 000	OCT	158 000
MAY	362 000	NOV	150 000
JUN	271 000	DEC	188 000

TOTAL DISCHARGE, 2 280 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE - STATION NO. 05DE005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.673	2.777	---	2.810	2.648	2.621	2.358	---	1
2	---	---	---	---	2.643	2.630	---	2.748	2.687	2.718	2.332	---	2
3	---	---	---	---	2.487	2.777	---	2.740	2.709	2.388	2.394A	---	3
4	---	---	---	---	2.888	2.534	---	2.741	2.807	2.570	---	---	4
5	---	---	---	---	2.830	2.388	---	2.644	2.581	2.489	---	---	5
6	---	---	---	---	2.884	2.303	---	2.708	2.639	2.648	---	---	6
7	---	---	---	---	2.780	2.548	---	2.788	2.486	2.815	---	---	7
8	---	---	---	---	2.738	2.707	---	2.836	2.617	2.658	---	---	8
9	---	---	---	---	2.678	2.804	---	2.857	2.583	2.595	---	---	9
10	---	---	---	---	2.580	2.883	---	2.518	2.561	2.530	---	---	10
11	---	---	---	---	2.808	2.841	---	2.641	2.523	2.421	---	---	11
12	---	---	---	---	2.822	2.830	---	2.705	2.382	2.382	---	---	12
13	---	---	---	---	2.884	2.854	---	2.762	2.348	2.500	---	---	13
14	---	---	---	---	2.966	2.803	---	2.844	2.493	2.817	---	---	14
15	---	---	---	---	2.825	2.840	---	2.881	2.571	2.413	---	---	15
16	---	---	---	---	2.618	2.934	---	2.721	2.619	2.329	---	---	16
17	---	---	---	---	2.801	3.038	---	2.722	2.504	2.264	---	---	17
18	---	---	---	---	2.545	3.052	---	2.878	2.484	2.339	---	---	18
19	---	---	---	---	2.713	3.088	---	2.906	2.584	2.464	---	---	19
20	---	---	---	---	2.823	2.880	---	2.857	2.437	2.681	---	---	20
21	---	---	---	---	2.883	2.785	---	2.780	2.557	2.485	---	---	21
22	---	---	---	---	2.783	2.782	---	2.807	2.588	2.402	---	---	22
23	---	---	---	---	2.883	2.887	---	2.782	2.613	2.418	---	---	23
24	---	---	---	---	2.717	2.843	---	2.892	2.533	2.331	---	---	24
25	---	---	---	---	2.836	3.002	---	2.851	2.584	2.384	---	---	25
26	---	---	---	---	2.806	2.892	---	2.723	2.431	2.388	---	---	26
27	---	---	---	---	2.877	2.725	---	2.718	2.470	2.311	---	---	27
28	---	---	---	---	2.884	2.870A	3.100A	2.832	2.589	2.388	---	---	28
29	---		---	---	2.837	---	3.110	2.858	2.678	2.358	---	---	29
30	---		---	2.815A	2.726	---	2.803	2.870	2.710	2.438	---	---	30
31	---		---		2.716		2.771	2.842		2.340			31
MEAN	---	---	---	---	2.723	---	---	2.780	2.555	2.447	---	---	MEAN
MAX	---	---	---	---	2.955	---	---	2.905	2.710	2.718	---	---	MAX
MIN	---	---	---	---	2.487	---	---	2.518	2.348	2.284	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 08 N
LONG 115 12 33 W

A - MANUAL GAUGE

REGULATED SINCE 1980

DRAINAGE AREA,
20 500 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 784.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	105	108	127	148	187	98.1	110	---	---	1
2	---	---	---	98.8	120	136	139	158	103	118	---	---	2
3	---	---	---	102	113	88.7	185	157	111	92.0	---	---	3
4	---	---	---	108	108	42.7	158	135	104	114	---	---	4
5	---	---	---	112	102	44.9	184	147	97.2	111	---	---	5
6	---	---	---	110	107	133	198	148	104	109	---	---	6
7	---	---	---	117	111	124	185	137	88.0	109	---	---	7
8	---	---	---	109	130	131	200	118	98.9	119	---	---	8
9	---	---	---	115	128	155	211	109	98.4	127	---	---	9
10	---	---	---	103	134	167	208	114	91.5	113	---	---	10
11	---	---	---	105	136	157	185	124	88.8	102	---	---	11
12	---	---	---	104	141	155	184	111	82.2	84.8	---	---	12
13	---	---	---	92.1	147	158	148	102	107	83.4	---	---	13
14	---	---	---	101	145	155	160	104	101	88.7	---	---	14
15	---	---	---	102	146	160	177	113	123	72.1	---	---	15
16	---	---	---	93.4	136	178	177	109	78.4	72.8	---	---	16
17	---	---	---	97.8	117	188	171	107	72.8	87.2	---	---	17
18	---	---	---	90.9	118	188	180	104	108	86.5	---	---	18
19	---	---	---	92.1	119	188	172	86.7	84.0	87.5	---	---	19
20	---	---	---	90.0	74.9	184	185	88.5	117	106	---	---	20
21	---	---	---	97.6	127	187	189	78.1	100	81.0	---	---	21
22	---	---	---	110	127	186	191	77.2	110	80.6	---	---	22
23	---	---	---	97.3	114	188	189	88.1	107	73.0	---	---	23
24	---	---	---	88.4	138	185	181	85.7	104	73.3	---	---	24
25	---	---	---	93.5	116	170	184	77.6	98.6	77.9	---	---	25
26	---	---	---	94.5	138	183	187	71.0	111	81.3	---	---	26
27	---	---	---	83.2	143	170	187	88.1	113	88.2	---	---	27
28	---	---	---	84.6	145	180	188	77.9	108	73.1	---	---	28
29	---		---	100	148	135	188	72.2	116	73.7	---	---	29
30	---		---	101	147	153	181	92.6	133	73.6	---	---	30
31	---		---		140		180	84.6		72.6			31
TOTAL	---	---	---	3 028.7	3 813.0	4 477.3	5 533	3 303.5	3 051.1	2 807.1	---	---	TOTAL
MEAN	---	---	---	101	126	149	178	107	102	90.6	---	---	MEAN
MAX	---	---	---	117	148	198	211	187	133	127	---	---	MAX
MIN	---	---	---	90.0	74.9	42.7	139	88.1	72.8	81.0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 126
MAXIMUM DAILY, 211 ON JUL 9
MINIMUM DAILY, 42.7 ON JUN 4
MAXIMUM INSTANTANEOUS,
246 AT 05:04 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 22 51 N
LONG 114 56 21 W
DRAINAGE AREA, 11 000 km²

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	475 000
FEB	---	AUG	385 000
MAR	---	SEP	384 000
APR	282 000	OCT	243 000
MAY	336 000	NOV	---
JUN	387 000	DEC	---

TOTAL DISCHARGE, 2 000 000 dam³

HOSE CREEK NEAR THE MOUTH - STATION NO. 05BH901

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.588	0.786	0.158	---	0.241	0.184	0.340	---	---	1
2	---	---	---	1.22	0.677	0.130	---	0.271	1.35	0.382	---	---	2
3	---	---	---	1.26	0.508	0.124	---	0.388	1.48	0.385	---	---	3
4	---	---	---	1.26	0.431	0.108	---	3.80	0.498	0.441	---	---	4
5	---	---	---	1.14	0.382	0.123	---	2.03	0.339	0.489	---	---	5
6	---	---	---	1.07	0.300	0.248	---	0.522	0.484	0.440	---	---	6
7	---	---	---	0.939	0.284	0.181	---	0.378	0.306	0.408	---	---	7
8	---	---	---	0.802	0.262	0.113	---	0.378	0.418	0.512	---	---	8
9	---	---	---	0.743	0.238	0.120	---	0.329	0.347	0.528	---	---	9
10	---	---	---	0.687	0.231	0.108	---	1.74	0.259	0.495	---	---	10
11	---	---	---	0.758	0.230	0.113	---	0.787	0.234	0.441	---	---	11
12	---	---	---	0.682	0.317	0.108	---	0.334	0.213	0.478	---	---	12
13	---	---	---	0.582	0.246	0.120	---	1.33	0.171	0.482	---	---	13
14	---	---	---	0.559	0.228	0.114	---	4.41	0.188	0.433	---	---	14
15	---	---	---	0.555	0.235	0.111	---	1.25	0.186	0.389	---	---	15
16	---	---	---	0.852	0.784	1.32	---	1.13	0.178	0.320	---	---	16
17	---	---	---	0.732	0.251	0.228	---	1.11	0.204	0.471	---	---	17
18	---	---	---	1.36	0.223	0.101	---	0.870	0.190	0.287	---	---	18
19	---	---	---	0.712	0.228	0.097	---	0.472	0.218	0.230	---	---	19
20	---	---	---	0.731	0.218	0.431	---	0.420	0.219	0.280	---	---	20
21	---	---	---	0.622	0.204	0.110	---	0.351	0.222	0.343	---	---	21
22	---	---	---	0.586	0.204	0.078	---	0.327	0.231	0.402	---	---	22
23	---	---	---	0.586	0.203	0.070A	0.686A	0.287	0.239	0.382	---	---	23
24	---	---	---	0.575	0.218	---	0.563	1.33	0.286	0.371	---	---	24
25	---	---	---	0.851	0.200	---	1.02	1.36	0.327	0.312	---	---	25
26	---	---	---	0.618	0.186	---	0.737	0.406	1.11	0.338	---	---	26
27	---	---	---	0.478	0.180	---	1.28	0.285	0.172	0.121	---	---	27
28	---	---	---	0.427	0.186	---	0.576	0.228	0.122	0.124A	---	---	28
29	---		---	0.431	0.174	---	0.488	0.647	0.149	0.120E	---	---	29
30	---		---	0.445	0.188	---	0.437	0.204	0.226	0.120E	---	---	30
31	---		---		0.159		0.401	0.185		0.120E		---	31
TOTAL	---	---	---	22.126	8.972	---	---	26.285	10.724	10.878	---	---	TOTAL
MEAN	---	---	---	0.738	0.289	---	---	0.848	0.357	0.351	---	---	MEAN
MAX	---	---	---	1.36	0.786	---	---	4.41	1.48	0.528	---	---	MAX
MIN	---	---	---	0.427	0.158	---	---	0.185	0.122	0.120	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 01 00 W
DRAINAGE AREA, 986 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	2 270
MAR	---	SEP	927
APR	1 910	OCT	940
MAY	775	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NOTIKEWIN RIVER AT MANNING - STATION NO 07HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2858	0.0888	0.0848	0.4588	36.7	8.88	7.18	11.0	7.72	2.33	2.14	0.5808	1
2	0.2808	0.0858	0.0828	0.5578	37.7	13.0	7.08	51.1	7.53	2.28	2.09 B	0.5808	2
3	0.2708	0.0838	0.0788	0.7428	42.3	44.7	8.84	187	7.57	2.22	2.09 B	0.5008	3
4	0.2558	0.0858	0.0768	0.8678	43.4	76.6	7.20	187	7.87	2.14	2.21 B	0.4308	4
5	0.2458	0.0878	0.0758	1.80 B	36.8	56.3	8.86	130	8.45	2.07	1.97 B	0.3808	5
6	0.2408	0.1108	0.0748	2.68 B	31.1	45.9	8.80	83.5	8.76	2.03	1.82 B	0.3208	6
7	0.2308	0.1208	0.0728	2.58 B	26.4	43.6	8.50	70.5	8.42	1.95	1.78 B	0.2808	7
8	0.2258	0.1258	0.0718	2.64 B	22.7	38.4	8.50	55.4	7.70	1.98	1.89 B	0.2308	8
9	0.2288	0.1258	0.0708	2.84 B	20.7	35.3	8.97	45.8	7.05	1.96	1.58 B	0.2308	9
10	0.2348	0.1238	0.0708	4.62 B	18.8	29.4	7.39	40.8	6.57	1.98	1.47 B	0.2308	10
11	0.2238	0.1178	0.0708	8.28 B	17.3	25.0	18.5	36.8	6.20	1.95	1.30 B	0.2108	11
12	0.2238	0.1088	0.0738	23.4 B	16.8	22.4	16.2	38.2	5.88	1.92	1.83 B	0.1508	12
13	0.1948	0.1088	0.0788	42.4 B	17.4	18.1	13.7	34.4	5.28	1.90	0.8818	0.1208	13
14	0.1848	0.1008	0.0788	51.1 B	16.7	16.1	12.1	31.0	4.90	1.92	0.7808	0.0838	14
15	0.1578	0.1008	0.0858	51.9 B	21.4	14.3	10.8	27.6	4.82	1.92	0.6318	0.0858	15
16	0.1848	0.1028	0.0908	64.9 B	20.2	12.8	9.40	24.1	4.47	1.88	0.5128	0.0908	16
17	0.1788	0.1038	0.1008	83.1	18.2	11.7	8.31	21.3	4.10	1.80	0.7388	0.0808	17
18	0.1838	0.1088	0.1358	85.1	16.6	10.6	7.25	20.0	3.88	1.92	1.10 B	0.0958	18
19	0.1788	0.1078	0.1478	49.2	15.3	9.35	7.87	18.5	3.66	1.95	1.15 B	0.0958	19
20	0.1788	0.1088	0.1558	41.6	14.1	8.73	10.1	18.3	3.50	1.92	1.00 B	0.1008	20
21	0.1818	0.1118	0.1558	38.3	13.0	7.84	8.84	18.1	3.41	1.87	0.8508	0.1008	21
22	0.1428	0.1118	0.1508	34.6	12.0	7.58	7.43	18.0	3.31	1.83	0.8808	0.1108	22
23	0.1388	0.1078	0.2058	33.9	11.1	8.31	8.88	17.7	3.18	1.84	0.8818	0.1108	23
24	0.1428	0.0848	0.2858	30.8	10.2	9.26	7.13	18.1	3.02	1.77	0.9008	0.1308	24
25	0.1398	0.0848	0.2858	29.3	9.38	8.81	8.62	14.8	2.92	1.84	0.9108	0.1208	25
26	0.1248	0.0828	0.2608	28.0	8.85	9.07	5.81	13.4	2.80	1.74	0.9208	0.1008	26
27	0.1118	0.0808	0.2908	26.9	8.48	8.63	4.80	11.8	2.72	1.71	0.9308	0.0808	27
28	0.1088	0.0888	0.2858	25.8	8.30	8.12	4.26	10.8	2.84	1.77	0.9308	0.0808	28
29	0.1088		0.2458	26.3	7.81	7.63	4.12	9.54	2.62	1.85	0.9008	0.0708	29
30	0.1048		0.3088	33.4	7.84	7.38	4.25	8.78	2.40	1.82	0.4008	0.0858	30
31	0.1008		0.3858		7.78		8.74	8.17		1.88		0.0808	31
TOTAL	5.715	2.935	4.658	788.784	557.13	528.48	248.03	1 272.37	153.08	59.82	37.144	8.003	TOTAL
MEAN	0.184	0.105	0.150	26.7	18.3	20.8	7.84	41.0	5.10	1.93	1.24	0.194	MEAN
MAX	0.288	0.135	0.365	83.1	43.4	76.6	18.2	187	8.76	2.33	2.21	0.580	MAX
MIN	0.100	0.088	0.070	0.458	7.84	7.38	4.13	8.17	2.40	1.82	0.913	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 187 ON AUG 4
MINIMUM DAILY, 0.0808 ON DEC 31
MAXIMUM INSTANTANEOUS,
200 AT 05:00 MST ON AUG 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 55 10 N
LONG 117 37 05 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	494	JUL	21 300
FEB	264	AUG	110 000
MAR	403	SEP	13 200
APR	68 500	OCT	5 150
MAY	51 600	NOV	3 210
JUN	54 100	DEC	519

TOTAL DISCHARGE, 327 000 dam³

OLDMAN RIVER NEAR BROCKET - STATION NO. 05AA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5 B	8.80B	7.80B	18.7	178	61.2	22.8	38.2	22.3	12.0	9.35	4.20B	1
2	12.0 B	8.00B	8.80B	18.4	188	56.3	22.0	31.6	21.2	11.7	9.25	5.50B	2
3	14.0 B	7.00B	10.0 B	22.0	137	51.3	20.8	29.5	20.7	11.4	8.83	5.20B	3
4	15.0 B	5.00B	11.3 B	26.0	114	49.1	20.0	28.0	21.2	10.9	8.65	5.80B	4
5	18.4 B	8.00B	14.0 B	33.1	109	51.9	21.1	26.3	20.9	10.8	8.70	5.40B	5
6	13.0 B	7.00B	16.0 B	42.4	114	57.4	23.2	26.0	20.4	10.7	8.59	5.60B	6
7	5.33B	7.80B	18.5 B	46.9	122	60.5	20.8	24.7	20.4	10.8	8.44	5.20B	7
8	7.00B	8.50B	18.5 B	48.1	134	59.7	18.8	23.1	19.8	10.6	8.04	7.00B	8
9	8.30B	9.50B	16.5 B	46.1	148	58.3	18.9	22.3	18.8	10.9	8.24	8.50B	9
10	10.0 B	10.0 B	15.8 B	41.8	149	55.8	21.1	21.7	18.3	10.8	8.40	7.50B	10
11	11.5 B	10.1 B	15.7 B	42.3	140	53.5	22.1	28.3	17.8	10.3	8.13	7.00B	11
12	13.0 B	10.1 B	16.3 B	39.7	135	50.7	19.4	28.9	17.2	10.4	8.03	5.50B	12
13	15.0 B	10.1 B	16.5 B	36.0	145	48.8	17.5	26.8	18.7	10.2	8.93	4.00B	13
14	9.50B	10.1 B	16.9 B	35.3	127	48.4	16.2	26.8	16.5	10.2	8.93	3.00B	14
15	4.00B	9.80B	18.5 B	40.7	117	47.2	15.2	42.8	15.9	10.3	8.79	3.00B	15
16	4.00B	9.30B	16.1 B	53.1	115	47.7	15.0	38.1	15.5	10.4	7.32	3.53B	16
17	6.00B	8.80B	15.3 B	68.3	106	46.8	17.7	36.9	15.4	10.3	3.65	3.80B	17
18	8.50B	8.70B	14.4 B	70.8	94.2	41.0	25.7	34.1	15.2	10.3	4.08B	4.00B	18
19	11.0 B	9.00B	14.9 B	63.0	87.5	41.8	44.1	31.7	15.0	9.78	9.32B	4.40B	19
20	12.5 B	8.00B	14.0 B	55.3	81.0	42.5	85.2	30.1	14.8	9.15	10.9 B	4.80B	20
21	10.5 B	8.20B	14.1 B	51.5	73.7	40.5	71.1	27.9	14.5	9.75	10.2 B	5.90B	21
22	8.70B	8.30B	13.2 B	58.3	67.9	37.5	74.7	26.7	14.2	10.1	9.25B	5.00B	22
23	8.00B	7.80B	12.5 B	66.5	61.4	34.0	85.4	26.4	12.8	9.60	8.12B	4.10B	23
24	6.50B	7.00B	12.9 B	64.8	65.9	30.8	81.0	27.3	11.9	9.37	7.86B	4.50B	24
25	8.70B	6.50B	13.1 B	57.3	54.1	27.8	67.7	30.9	11.8	9.78	7.00B	4.80B	25
26	9.00B	6.38B	14.7 B	50.5	54.6	26.0	58.5	29.5	12.2	9.69	6.90B	5.30B	26
27	9.40B	5.80B	13.6 B	68.3	63.1	28.1	50.9	28.3	13.5	8.53	5.20B	5.80B	27
28	9.99B	5.00B	10.3 B	84.0	65.3	28.6	45.8	28.7	13.4	9.33	4.90B	6.00B	28
29	10.0 B		10.6 B	110	67.4	24.8	42.0	28.1	12.7	9.29	4.20B	5.80B	29
30	10.0 B		13.8 B	168	81.5	23.3	39.2	24.2	12.2	9.27	3.10B	5.70B	30
31	9.50B		15.4		81.5		38.2	23.3		9.30		5.90B	31
TOTAL	311.82	228.56	441.60	1 804.0	3 199.1	1 324.5	1 193.5	899.1	493.0	316.54	232.87	176.33	TOTAL
MEAN	10.1	8.08	14.2	53.5	103	44.2	38.5	29.0	16.4	10.2	7.76	5.69	MEAN
MAX	18.4	10.1	18.5	168	178	61.2	85.4	42.8	22.3	12.0	10.9	9.80	MAX
MIN	4.00	5.00	7.80	18.4	54.1	23.3	15.0	21.7	11.8	9.15	3.10	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.5
MAXIMUM DAILY, 178 ON MAY 1
MINIMUM DAILY, 3.00B ON DEC 14
MAXIMUM INSTANTANEOUS,
183 AT 14:10 MST ON MAY 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 27 N
LONG 113 49 20 W
DRAINAGE AREA, 1 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 900	JUL	103 000
FEB	19 600	AUG	77 700
MAR	38 200	SEP	42 900
APR	139 000	OCT	27 300
MAY	276 000	NOV	20 100
JUN	114 000	DEC	15 200

TOTAL DISCHARGE, 900 000 dam³

OLDMAN RIVER NEAR LETHBRIDGE - STATION NO. 05AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.28	19.08	14.08	31.38	190	88.5	7.39	27.3	73.1	58.7	19.3	15.1 B	1
2	24.58	16.08	17.78	33.4	217	86.8	5.44	26.1	72.5	16.5	18.4	14.7 B	2
3	25.58	21.08	23.2	42.8	217	78.4	4.67	24.7	80.9	14.4	18.2	14.1 B	3
4	26.48	23.58	27.7	46.3	182	93.1	4.28	22.0	84.5	19.7	17.7	15.4 B	4
5	27.08	25.08	29.7	55.8	159	87.5	7.43	20.5	84.5	27.5	17.9	15.5 B	5
6	25.58	26.5	36.4	75.0	137	88.6	7.72	17.9	84.2	27.4	17.7	15.2 B	6
7	20.98	24.5	46.6	85.3	125	94.1	5.71	16.8	82.7	28.1	17.5	17.3 B	7
8	19.08	21.8	44.3	83.4	136	47.3	5.13	16.8	81.5	30.6	18.3	17.4 B	8
9	17.58	21.4	40.4	80.4	144	46.6	5.20	15.4	82.1	30.5	15.4	11.6 B	9
10	16.08	26.1	34.3	76.4	137	48.1	5.30	14.7	90.2	35.4	15.1	15.5 B	10
11	15.08	30.0	32.6	71.5	139	42.4	5.61	15.4	88.6	43.8	14.5	16.7 B	11
12	20.08	29.88	36.8	66.6	120	46.3	5.89	15.9	85.7	41.8	14.4	15.8 B	12
13	22.08	30.08	37.1	66.6	114	47.5	5.92	20.5	80.9	38.1	14.3	10.0 B	13
14	23.08	29.08	36.2	61.6	125	34.0	5.09	26.8	78.6	35.5	14.6	4.33B	14
15	21.28	27.58	36.2	52.3	114	35.6	5.18	34.1	76.5	39.6	14.3	4.70B	15
16	19.68	26.58	34.2	54.7	121	33.8	4.49	48.2	83.5	38.6	14.4	5.40B	16
17	16.08	25.58	33.7	65.9	123	28.6	4.87	46.3	77.6	37.9	10.8	5.10B	17
18	12.58	26.58	33.6	84.1	114	27.3	9.16	44.2	62.4	36.3	9.44	6.70B	18
19	16.08	26.88	34.7	81.8	87.5	26.1	11.9	41.0	42.8	35.4	13.2	7.40B	19
20	20.58	26.08	35.4	81.8	88.0	27.1	51.9	37.3	32.1	34.9	18.2	8.10B	20
21	22.68	24.58	33.9	67.5	68.3	33.6	85.9	34.4	25.5	34.1	20.8	8.99B	21
22	24.48	22.68	33.1	78.8	67.7	32.2	73.8	33.7	22.2	30.0	18.2	8.20B	22
23	24.88	21.08	33.0	78.3	61.4	28.9	60.1	37.8	19.8	27.8	17.5	9.00B	23
24	24.58	18.78	31.5	76.5	64.6	24.1	188	42.0	18.3	26.0	16.3	8.80B	24
25	24.08	15.48	30.4	72.3	37.8	18.1	167	50.4	18.0	27.5	15.4	9.80B	25
26	23.08	13.08	30.58	70.1	36.0	12.7	106	61.8	20.2	27.0	12.7 B	10.8 B	26
27	22.58	11.08	30.48	72.8	36.3	11.8	85.1	69.7	20.8	27.2	13.4 B	11.8 B	27
28	22.08	11.58	30.28	77.7	38.2	9.73	58.7	79.1	20.0	26.8	13.4 B	10.9 B	28
29	22.08		28.58	84.1	66.2	8.34	41.8	78.2	20.8	24.6	11.1 B	9.80B	29
30	21.58		27.18	133	73.1	7.87	33.9	77.3	33.1	24.2	11.3 B	8.90B	30
31	20.58		29.18		70.4		29.9	75.2		21.2		8.80B	31
TOTAL	664.0	586.2	1 000.0	2 184.5	3 380.8	1 191.04	1 108.19	1 172.1	1 733.8	970.7	458.84	345.42	TOTAL
MEAN	21.4	23.8	32.3	72.2	109	39.7	35.7	37.8	57.8	31.3	15.3	11.1	MEAN
MAX	27.0	31.8	46.6	133	217	93.1	188	79.2	90.2	58.7	20.8	17.4	MAX
MIN	12.5	11.0	14.0	31.3	36.0	7.87	4.28	14.7	18.0	14.4	9.44	4.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.7
MAXIMUM DAILY, 217 ON MAY 2
MINIMUM DAILY, 4.28 ON JUL 8
MAXIMUM INSTANTANEOUS,
224 AT 22:25 MST ON MAY 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 112 52 30 W
DRAINAGE AREA, 17 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	57 400	JUL	95 700
FEB	57 500	AUG	101 000
MAR	88 400	SEP	150 000
APR	187 000	OCT	83 900
MAY	293 000	NOV	39 700
JUN	103 000	DEC	28 600

TOTAL DISCHARGE, 1 380 000 dam³

OLDMAN RIVER NEAR THE MOUTH - STATION NO. 05AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.6B	21.0B	17.0B	29.0B	135	88.1	15.1	35.0E	62.4	50.0E	23.2	21.0 B	1
2	24.0B	22.0B	20.0B	33.1	197	86.3	14.8	33.0E	76.8	84.0E	20.4	19.0 B	2
3	23.4B	24.0B	23.0B	35.3	238 A	88.1	13.6	28.0E	78.4	33.0E	18.8A	17.0 B	3
4	23.8B	26.0B	26.0B	41.3	229 A	70.4	11.8	27.0E	88.8	29.0E	18.4A	15.0 B	4
5	23.2B	27.0B	30.0B	45.8	203	83.7	10.8	28.0E	94.8	38.0E	17.8A	13.0 B	5
6	23.0B	29.0B	34.0B	52.8	185	79.1	11.3	24.0E	84.8	35.8A	17.4	14.0 B	6
7	22.8B	31.0B	38.0B	66.2	144	88.4A	12.8	22.0E	90.8	35.8A	17.8	15.0 B	7
8	22.0B	32.0B	42.0B	81.8	132	81.3A	12.8	21.8E	80.8	36.2	17.8	15.5 B	8
9	21.0B	32.8B	46.0B	81.3	143	81.8	12.8	21.8E	86.8	38.0	17.7	16.0 B	9
10	20.0B	32.0B	43.0B	78.2	181	80.7	12.0	20.8E	88.8	38.1	16.7	15.5 B	10
11	21.0B	32.8B	41.0B	77.1	148	48.8	12.4	20.0E	83.7A	38.7	16.0	12.0 B	11
12	22.0B	32.0B	39.0B	73.0	148	46.8	13.3	21.0E	83.0	46.1	15.8	9.008	12
13	23.0B	33.8B	38.8B	68.1	137	48.2	13.3	22.0E	88.0	43.8	15.5	6.888	13
14	23.5B	34.0B	43.7	87.2	123	80.4	12.8	26.0E	78.8	40.1	15.4	2.858	14
15	23.0B	33.8B	42.0	81.8	133	63.9	10.8	30.0E	73.8	37.7	16.1	4.008	15
16	20.5B	32.0B	42.4	84.2	119	36.3	10.4	40.0E	76.1	39.3	16.0	8.148	16
17	19.5B	31.0B	40.3	82.7	130	42.5	10.1	50.0E	85.1	39.6	13.4	8.538	17
18	18.0B	31.0B	38.4	81.0	132	36.3	11.2	46.0E	84.0	38.8	11.3	8.408	18
19	18.0B	31.5B	38.8	78.2	120	37.8	15.1	46.0E	88.4	37.0	15.7	8.408	19
20	20.0B	32.0B	40.8	88.0	104	38.4	21.8	43.0E	91.0	36.4	12.3	8.838	20
21	22.0B	28.0B	40.1	88.1	94.8	39.2	26.0A	40.0E	44.8	35.8	18.3	7.808	21
22	24.0B	25.0B	38.3	84.0	77.1	40.8	30.0E	34.0E	37.7	34.8	18.8	7.358	22
23	28.0B	21.0B	38.9	78.9	85.2	42.0	78.0E	35.0E	31.1	33.5	21.4	8.238	23
24	26.4B	18.0B	38.5	76.4	88.5	39.0	130 E	46.7A	28.4	28.4	18.7	8.808	24
25	26.0B	15.5B	36.5	78.4	53.1	36.2	195 E	50.0A	27.5	26.0A	19.1	10.3 B	25
26	25.1B	13.8B	33.3B	72.8	48.2	29.7	190 E	52.9	26.3	27.8	18.4B	11.3 B	26
27	24.5B	11.4B	32.8B	70.5	45.6	22.3	150 E	55.2	25.0E	28.8	17.4B	12.0 B	27
28	24.0B	13.5B	32.8B	72.6	45.5	19.7	110 E	73.8	26.5E	28.4	14.8B	12.5 B	28
29	23.5B		32.0B	76.7	46.1	18.6	70.0E	83.5	27.0E	26.5	12.2B	11.5 B	29
30	23.0B		29.0B	81.6	56.4	17.0	44.0E	86.1	34.0E	25.8	13.4B	10.5 B	30
31	22.0B		26.0B		89.5		36.0E	85.8		24.0		9.808	31
TOTAL	700.5	745.8	1 102.8	2 020.8	3 877.1	1 389.7	1 376.5	1 281.4	1 940.0	1 110.8	509.3	336.19	TOTAL
MEAN	22.6	26.6	35.6	67.4	119	46.7	44.5	40.7	68.0	35.8	17.0	10.8	MEAN
MAX	26.4	34.0	46.0	91.6	238	83.7	195	86.1	94.8	84.0	23.2	21.0	MAX
MIN	18.0	11.4	17.0	28.0	45.5	17.0	10.1	20.0	28.3	24.0	11.2	2.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.4
MAXIMUM DAILY, 238A ON MAY 3
MINIMUM DAILY, 2.85B ON DEC 14
MAXIMUM INSTANTANEOUS,
248E AT 21:00 MST ON MAY 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 08 N
LONG 111 48 00 W
DRAINAGE AREA, 27 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 500	JUL	119 000
FEB	84 400	AUG	109 000
MAR	95 300	SEP	171 000
APR	175 000	OCT	98 000
MAY	318 000	NOV	44 000
JUN	121 000	DEC	29 000

TOTAL DISCHARGE, 1 400 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS ESTIMATED FROM TRACE ON CHART

OLDMAN RIVER NEAR WALDRON'S CORNER - STATION NO. 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60B	2.40B	1.00B	3.80B	50.2	14.5	6.87	13.0	5.95	4.02	3.47	2.70B	1
2	2.50B	2.30B	1.30B	4.40B	45.4	13.1	6.43	11.6	6.80	3.95	3.46	3.20B	2
3	2.80B	1.80B	2.00B	5.00B	35.4	12.3	5.98	11.3	6.66	3.93	3.42	3.80B	3
4	3.00B	2.30B	2.50B	6.65	30.5	12.3	5.94	10.5	6.65	3.87	3.40	3.40B	4
5	2.80B	3.00B	3.40B	8.75	30.2	13.2	5.82	10.7	6.56	3.86	3.40	3.10B	5
6	2.12B	2.90B	4.00B	11.5	31.7	14.4	6.86	10.3	6.43	3.85	3.29	2.80B	6
7	1.85B	2.70B	5.00B	11.3	34.7	14.8	5.81	9.32	6.35	3.83	3.06	2.60B	7
8	1.80B	2.60B	4.70B	10.8	38.9	14.4	5.82	8.73	6.04	3.82	2.97	2.60B	8
9	1.80B	2.45B	4.30B	8.68	43.8	15.1	5.66	8.38	5.82	3.83	3.06	3.00B	9
10	2.10B	2.34B	3.80B	7.81	42.3	14.1	5.68	8.48	5.66	3.85	3.54	2.80B	10
11	2.40B	2.30B	3.60B	7.96	38.2	13.4	6.36	13.6	5.63	3.77	3.40	2.50B	11
12	2.70B	2.25B	3.50B	8.82	36.1	12.6	5.62	11.1	5.36	3.72	3.31	2.20B	12
13	3.00B	2.20B	3.30B	8.47	43.0	12.2	5.23	11.3	5.26	3.71	3.25	1.80B	13
14	2.20B	2.10B	3.10B	8.81	35.7	13.2	4.89	14.8	5.16	3.84	3.24	1.50B	14
15	1.80B	2.10B	3.00B	8.98	32.7	12.0	4.83	18.4	5.00	3.71	2.84B	1.35B	15
16	1.80B	1.85B	2.80B	11.4	31.8	13.4	6.03	15.7	4.86	3.67	2.50B	1.37B	16
17	2.10B	1.85B	2.80B	13.1	28.1	12.1	5.87	15.2	4.81	3.68	2.00B	1.40B	17
18	2.30B	1.70B	2.80B	11.3	26.0	10.6	5.84	13.7	4.80	3.44	2.40B	1.65B	18
19	2.80B	1.80B	2.60B	9.44	24.4	11.1	34.1	12.9	4.68	3.18	3.80B	1.78B	19
20	2.70B	1.80B	2.70B	8.68	22.0	10.9	28.8	12.1	4.67	3.26	4.20B	2.00B	20
21	2.80B	1.80B	2.70B	8.74	20.3	10.9	23.3	11.0	4.60	3.90	3.80B	1.60B	21
22	2.80B	1.45B	2.70B	11.8	18.8	10.1	33.6	10.4	4.38	3.47	3.60B	1.45B	22
23	2.30B	1.45B	2.70B	10.2	17.4	9.38	23.2	9.80	4.31	3.31	3.60B	1.55B	23
24	2.30B	1.45B	2.73B	9.30	16.0	8.85	21.1	8.80	4.27	3.72	3.20B	1.60B	24
25	2.30B	1.45B	2.60B	10.6	15.9	7.88	18.8	9.53	4.23	3.83	3.24B	1.70B	25
26	2.40B	1.45B	2.80B	12.1	15.4	7.47	19.2	9.32	4.30	3.55	2.90B	1.90B	26
27	2.45B	1.20B	2.30B	15.2	15.3	7.29	18.3	8.89	4.86	3.45	2.60B	2.00B	27
28	2.45B	1.00B	2.20B	24.3	15.3	7.55	14.8	8.23	4.53	3.44	2.20B	1.90B	28
29	2.80B		2.70B	33.7	15.4	7.04	13.8	7.78	4.28	3.45	1.90B	1.70B	29
30	2.50B		3.30B	44.8	15.1	6.82	13.4	7.66	4.11	3.47	3.30B	1.60B	30
31	2.80B		3.60B		15.1		16.4	7.24		3.67		1.40B	31
TOTAL	73.07	55.19	82.63	349.89	884.1	341.78	374.65	337.89	155.40	113.19	93.77	69.02	TOTAL
MEAN	2.36	1.97	2.89	11.7	28.5	11.4	12.1	10.9	5.28	3.65	3.13	2.13	MEAN
MAX	3.00	3.00	5.00	44.8	50.2	15.1	34.1	18.4	6.86	4.02	4.20	3.80	MAX
MIN	1.60	1.00	1.00	3.80	15.1	6.82	4.83	7.24	4.11	3.18	1.90	1.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.08
MAXIMUM DAILY, 50.2 ON MAY 1
MINIMUM DAILY, 1.00B ON FEB 28
MAXIMUM INSTANTANEOUS,
53.1 AT 00:30 MST ON MAY 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 50 N
LONG 114 11 00 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 310	JUL	32 400
FEB	4 770	AUG	29 200
MAR	6 030	SEP	13 700
APR	30 200	OCT	9 760
MAY	78 400	NOV	6 100
JUN	25 500	DEC	5 700

TOTAL DISCHARGE, 254 000 dam³

ONETREE CREEK NEAR PATRICIA - STATION NO. 05CJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0428	0.3248	0.102	2.86	2.28	1.86	2.11	2.44	0.218	---	1
2	---	---	0.0418	0.2688	0.114	2.23	2.26	1.86	1.96	2.30	0.227	---	2
3	---	---	0.0418	0.2188	0.106	2.43	2.40	1.63	1.93	2.28	0.238	---	3
4	---	---	0.0438	0.2148	0.095E	2.31	4.57	1.84	1.91	2.21	0.223	---	4
5	---	---	0.1308	0.1678	0.090E	2.36	3.52	2.03	1.86	2.34	0.224	---	5
6	---	---	0.1288	0.147	0.090E	1.83	2.38	2.17	1.79	2.26	0.232	---	6
7	---	---	0.1208	0.118	0.198A	1.98	2.07	1.77	1.79	2.21	0.2288	---	7
8	---	---	0.1208	0.106	0.306	2.02	2.22	1.64	1.76	1.93	0.2218	---	8
9	---	---	0.1188	0.102	0.388	1.72	2.82	2.33	1.73	1.84	0.2208	---	9
10	---	---	0.1108	0.099	0.390	1.43	3.19	2.89	1.76	1.94	0.2078	---	10
11	---	---	0.1618	0.128	0.375	1.83	2.82	3.23	1.79	1.87	0.2058	---	11
12	---	---	0.1118	0.130	0.786	1.78	2.71	3.46	1.64	1.82	0.1968	---	12
13	---	---	0.1288	0.125	1.18	2.06	2.18	3.60	1.65	1.76	0.1878	---	13
14	---	---	0.1008	0.123	1.41	1.81	1.84	4.60	1.76	1.88	0.1828	---	14
15	---	---	0.0818	0.116	1.84	2.25	1.43	5.63	1.85	1.81	0.1838	---	15
16	---	---	0.0738	0.104	1.72	2.01	1.63	5.36	1.83	1.84	0.1888	---	16
17	---	---	0.1218	0.102	1.84	2.55	2.23	5.27	1.76	2.85	0.1608	---	17
18	---	---	0.3768	0.104	1.83	3.20	2.36	4.81	1.77	2.13	0.1708	---	18
19	---	---	0.3778	0.100	2.04	2.63	4.00	4.37	1.73	1.41	0.1608	---	19
20	---	0.0388	0.2598	0.095	2.35	3.60	4.38	3.60	1.71	0.860	0.1608	---	20
21	---	0.0388	0.2578	0.091E	2.04	3.82	4.09	2.98	1.70	0.650	0.1408	---	21
22	---	0.0388	0.2388	0.090E	2.16	4.06	3.89	2.84	1.78	0.488	0.1308	---	22
23	---	0.0388	0.1508	0.088E	2.34	3.67	3.92	2.50	1.85	0.394	0.1258	---	23
24	---	0.0378	0.1068	0.087E	1.96	3.18	4.35	2.28	2.02	0.348	0.1208	---	24
25	---	0.0378	0.2208	0.088E	2.10	2.87	3.98	1.82	2.27	0.306	0.1158	---	25
26	---	0.0388	0.7008	0.089E	2.80	3.28	3.83	1.88	2.17	0.263	0.1108	---	26
27	---	0.0418	0.5008	0.088E	3.58	3.48	3.98	1.76	2.16	0.251	0.1108	---	27
28	---	0.0428	0.4188	0.088E	3.11	3.88	3.23	1.87	2.16	0.233	0.1088	---	28
29	---		0.4068	0.090E	2.81	3.67	3.34	2.42	2.33	0.238	0.1088	---	29
30	---		0.3878	0.100A	2.84	3.30	1.84	2.41	2.44	0.230	0.1008	---	30
31	---		0.4018		2.88		3.07	2.32		0.223		---	31
TOTAL	---	---	5.483	3.828	65.563	72.83	88.50	89.80	57.38	43.931	5.208	---	TOTAL
MEAN	---	---	0.208	0.128	1.47	2.43	2.85	2.90	1.91	1.42	0.174	---	MEAN
MAX	---	---	0.700	0.324	3.58	4.06	4.57	6.63	2.44	2.85	0.328	---	MAX
MIN	---	---	0.041	0.088	0.090	1.43	1.43	1.63	1.70	0.223	0.100	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 6.63 ON AUG 15
MINIMUM DAILY, 0.0418 ON MAR 2
MAXIMUM INSTANTANEOUS,
6.96 AT 03:27 MST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 111 41 15 W
DRAINAGE AREA, 486 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 650
FEB	---	AUG	7 770
MAR	656	SEP	4 950
APR	331	OCT	3 800
MAY	3 940	NOV	450
JUN	8 290	DEC	---

TOTAL DISCHARGE, 35 300 dam³

OWL RIVER BELOW PICHE RIVER - STATION NO. 07CA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.348	1.358	10.9	5.36	5.35	1.85	1.90	1.24	1.45	---	1
2	---	---	1.348	1.368	10.5	5.47	5.42	1.92	1.85	1.22	1.218	---	2
3	---	---	1.348	1.378	10.3	5.53	5.31	1.89	1.77	1.33	1.038	---	3
4	---	---	1.348	1.388	10.1	5.46	4.86	2.27	1.80	1.37	1.258	---	4
5	---	---	1.348	1.368	9.94	5.44	4.78	2.44	1.72	1.26	1.188	---	5
6	---	---	1.348	1.418	10.1	5.36	4.70	2.27	1.80	1.23	---	---	6
7	---	---	1.348	1.438	9.82	5.47	4.58	2.10	1.92	1.19	---	---	7
8	---	---	1.348	1.508	9.50	5.53	4.75	1.81	1.45	1.16	---	---	8
9	---	---	1.348	1.938	9.35	5.75	5.79	1.71	1.48	1.16	---	---	9
10	---	---	1.348	3.508	9.23	5.94	5.36	2.02	1.46	1.16	---	---	10
11	---	---	1.348	5.408	9.08	9.00	4.98	3.22	1.42	1.20	---	---	11
12	---	---	1.348	5.108	8.95	8.81	4.72	2.57	1.46	1.22	---	---	12
13	---	---	1.348	5.808	8.72	8.74	4.38	3.18	1.85	1.25	---	---	13
14	---	---	1.348	8.908	8.59	8.47	4.04	3.48	1.81	1.19	---	---	14
15	---	---	1.348	9.148	8.48	8.24	3.78	3.34	1.83	1.18	---	---	15
16	---	---	1.348	9.598	8.38	7.96	3.64	3.98	1.80	1.19	---	---	16
17	---	---	1.348	10.9 B	8.21	7.75	3.57	3.81	1.81	1.17	---	---	17
18	---	---	1.348	12.9 B	8.08	7.48	3.50	2.82	1.49	1.17	---	---	18
19	---	---	1.348	14.4 B	8.38	7.21	3.35	2.51	1.45	1.13 B	---	---	19
20	---	---	1.348	14.8 B	8.38	8.67	3.28	2.50	1.46	0.7938	---	---	20
21	---	---	1.348	13.1 B	8.81	8.51	3.20	2.82	1.46	1.10 B	---	---	21
22	---	---	1.348	11.7	8.71	8.23	3.18	3.95	1.46	1.48 B	---	---	22
23	---	---	1.348	11.7	8.84	8.07	3.05	3.85	1.42	1.09 B	---	---	23
24	---	---	1.348	11.4	8.21	8.00	2.90	3.80	1.35	0.8948	---	---	24
25	---	---	1.348	11.0	8.08	8.71	2.78	3.83	1.30	1.48 B	---	---	25
26	---	---	1.348	10.8	8.85	8.94	2.82	3.80	1.28	1.58 B	---	---	26
27	---	---	1.348	12.0	8.83	8.20	2.39	2.78	1.28	1.29 B	---	---	27
28	---	---	1.348	11.7	8.44	4.88	3.37	3.84	1.23	1.24 B	---	---	28
29	---		1.348	11.4	8.85	4.98	3.24	3.40	1.22	1.27 B	---	---	29
30	---		1.348	11.2	8.45	8.15	3.14	3.22	1.23	1.42	---	---	30
31	---		1.348		8.47		3.08	3.08		1.48		---	31
TOTAL	---	---	41.94	238.02	260.84	222.31	119.08	77.35	44.84	38.101	---	---	TOTAL
MEAN	---	---	1.34	7.97	8.08	7.41	3.84	2.50	1.49	1.23	---	---	MEAN
MAX	---	---	1.34	14.8	10.9	9.00	5.79	3.98	1.90	1.58	---	---	MAX
MIN	---	---	1.34	1.35	8.08	4.98	2.08	1.71	1.22	0.793	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.34
MAXIMUM DAILY, 14.88 ON APR 20
MINIMUM DAILY, 0.7938 ON OCT 30
MAXIMUM INSTANTANEOUS,
18.0 AT 08:27 MST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 39 N
LONG 111 51 15 W
DRAINAGE AREA, 3 060 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	10 300
FEB	---	AUG	5 680
MAR	2 590	SEP	3 670
APR	20 700	OCT	3 290
MAY	24 300	NOV	---
JUN	19 200	DEC	---

TOTAL DISCHARGE, 81 800 dam³

PADDLE RIVER AT BARRHEAD - STATION NO. 07BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0068	7.488 B	1.08	0.852	0.886	0.408	0.304	0.051	0.339	---	1
2	---	---	0.0088	23.4 B	1.13	0.834	0.922	0.520	0.425	0.041	0.429	---	2
3	---	---	0.0088	33.0 B	1.18	0.840	0.883	0.770	0.376	0.041	0.441	---	3
4	---	---	0.0068	32.4 B	1.42	1.34	0.818	0.880	0.387	0.081	0.421	---	4
5	---	---	0.0088	26.1 B	2.41	1.07	0.818	0.784	0.288	0.032	0.475	---	5
6	---	---	0.0108	20.7 B	1.72	0.884	0.818	0.884	0.188	0.026	---	---	6
7	---	---	0.0068	16.1 B	1.60	0.783	0.777	0.889	0.077	0.033	---	---	7
8	---	---	0.0118	17.6 B	1.60	1.02	0.777	0.887	0.083	0.048	---	---	8
9	---	---	0.0108	15.0 B	1.55	1.07	0.488	0.443	0.187	0.054	---	---	9
10	---	---	0.0118	13.1 B	1.27	1.08	0.804	0.387	0.188	0.088	---	---	10
11	---	---	0.0108	11.2 B	1.15	0.880	0.874	0.348	0.181	0.088	---	---	11
12	---	---	0.0108	8.958	1.28	0.717	0.417	0.278	0.088	0.086	---	---	12
13	---	---	0.0108	7.27	1.61	0.918	0.078	0.248	0.078	0.083	---	---	13
14	---	---	0.0128	6.37	1.43	0.788	0.028	0.211	0.147	0.094	---	---	14
15	---	---	0.0128	5.53	1.13	0.500	0.084	0.197	0.177	0.290	---	---	15
16	---	---	0.0128	4.83	1.03	0.300	0.041	0.343	0.173	0.541	---	---	16
17	---	---	0.0138	3.98	0.881	0.372	0.018	0.337	0.182	0.113	---	---	17
18	---	---	0.0178	3.87	0.788	0.817	0.004	0.282	0.178	0.045	---	---	18
19	---	---	0.0178	3.16	0.834	0.752	0.020	0.190	0.147	0.018	---	---	19
20	---	---	0.0188	2.82	0.778	1.18	0.041	0.318	0.131	0.021	---	---	20
21	---	---	0.0148	2.41	1.28	1.06	0.078	0.188	0.110	0.047	---	---	21
22	---	---	0.0138	2.30	2.08	1.02	0.124	0.148	0.1008	0.087	---	---	22
23	---	---	0.0148	2.38	2.30	0.818	0.117	0.183	0.0858	0.134	---	---	23
24	---	---	0.0348	1.87	1.88	0.841	0.100	0.284	0.0788	0.048	---	---	24
25	---	---	0.0498	1.63	1.82	0.878	0.184	0.888	0.0828	0.028	---	---	25
26	---	---	0.0378	1.51	1.31	1.18	0.224	0.507	0.051	0.031	---	---	26
27	---	---	0.0148	1.36	1.14	1.22	0.245	0.545	0.050	0.117	---	---	27
28	---	---	0.0148	1.33	1.09	1.12	0.148	0.508	0.059	0.134	---	---	28
29	---		0.0408	1.16	1.18	1.17	0.078	0.382	0.082	0.103	---	---	29
30	---		0.2508	1.16	1.43	1.10	0.433	0.278	0.082	0.127	---	---	30
31	---		0.4158		0.887		0.281	0.243		0.342		---	31
TOTAL	---	---	1.118	271.87	41.888	27 343	11 101	12.738	4.888	3.027	---	---	TOTAL
MEAN	---	---	0.038	9.06	1.36	0.911	0.388	0.411	0.188	0.098	---	---	MEAN
MAX	---	---	0.415	32.4	2.41	1.34	0.988	0.880	0.425	0.541	---	---	MAX
MIN	---	---	0.008	1.16	0.788	0.300	0.004	0.148	0.050	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 32.48 ON APR 4
MINIMUM DAILY, 0.004 ON JUL 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 06 48 N
LONG 114 33 55 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	959
FEB	---	AUG	1 100
MAR	88.3	SEP	403
APR	23 500	OCT	282
MAY	3 820	NOV	---
JUN	2 380	DEC	---

TOTAL DISCHARGE, 33 300 dam³

PADDLE RIVER AT HIGHWAY NO. 754 - STATION NO. 07BB013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.880E	5.325	4.121	4.127	4.207	3.986	3.832	3.902	3.974	---	1
2	---	---	3.880E	5.480	4.110	4.104	4.159	4.004	3.821	3.904	3.971	---	2
3	---	---	3.890A	5.513	4.133	4.108	4.183	4.083	3.932	3.904	3.971	---	3
4	---	---	3.884	5.480	4.268	4.148	4.183	4.070	3.918	3.914	3.984	---	4
5	---	---	3.883	5.480	4.228	4.111	4.181	4.066	3.913	3.911	4.080A	---	5
6	---	---	3.892	5.534	4.228	4.091	4.178	4.077	3.910	3.910	---	---	6
7	---	---	3.889	5.504	4.204	4.131	4.169	4.048	3.906	3.915	---	---	7
8	---	---	3.888	5.305	4.178	4.147	4.106	4.013	3.906	3.915	---	---	8
9	---	---	4.008	5.173	4.184	4.155	4.103	3.985	3.915	3.914	---	---	9
10	---	---	4.015	5.036	4.182	4.118	4.173	3.987	3.914	3.914	---	---	10
11	---	---	4.018	4.978	4.184	4.088	4.128	3.983	3.913	3.915	---	---	11
12	---	---	4.026	4.732	4.203	4.124	3.988	3.978	3.918	3.921	---	---	12
13	---	---	4.035	4.636	4.223	4.098	3.928	3.975	3.928	3.915	---	---	13
14	---	---	4.029	4.603	4.178	4.035	3.908	3.984	3.908	3.914	---	---	14
15	---	---	4.030	4.539	4.144	3.987	3.888	4.014	3.909	4.130	---	---	15
16	---	---	4.038	4.467	4.134	4.027	3.888	4.003	3.906	3.971	---	---	16
17	---	---	4.038	4.430	4.107	4.048	3.885	3.981	3.903	3.925	---	---	17
18	---	---	4.041	4.378	4.091	4.031	3.877	3.985	3.908	3.940	---	---	18
19	---	---	4.038	4.333	4.098	4.153	3.883	3.978	3.908	3.951	---	---	19
20	---	---	4.032	4.273	4.113	4.147	3.881	3.984	3.909	3.953	---	---	20
21	---	---	4.032	4.242	4.308	4.148	3.872	3.980	3.903	3.983	---	---	21
22	---	---	4.030	4.288	4.327	4.153	3.883	3.980	3.906	3.971	---	---	22
23	---	---	4.028	4.186	4.318	4.184	3.885	3.938	3.918	3.954	---	---	23
24	---	---	4.018	4.177	4.292	4.188	3.849	4.010	3.908	3.942	---	---	24
25	---	---	4.003	4.183	4.224	4.214	3.892	3.983	3.906	3.951	---	---	25
26	---	---	3.992	4.145	4.181	4.233	3.873	4.005	3.913	3.946	---	---	26
27	---	---	3.889	4.133	4.184	4.218	3.888	3.986	3.906	3.947	---	---	27
28	---	---	4.013	4.123	4.134	4.224	3.931	3.983	3.903	3.947	---	---	28
29	---		4.176	4.136	4.214	4.230	3.938	3.929	3.906	3.970	---	---	29
30	---		4.074	4.128	4.134	4.213	3.918	3.942	3.906	3.972	---	---	30
31	---		4.088		4.106		3.938	3.941		3.973		---	31
MEAN	---	---	4.056	4.892	4.183	4.133	3.984	3.981	3.912	3.942	---	---	MEAN
MAX	---	---	4.088	5.534	4.327	4.230	4.207	4.083	3.932	4.130	---	---	MAX
MIN	---	---	3.883	4.123	4.091	3.887	3.931	3.938	3.903	3.902	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.534 ON APR 6

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 54 N
LONG 114 40 12 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED
DRAINAGE AREA, 1 720 km²

PADDLE RIVER NEAR ANSELMO - STATION NO. 07BB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1268 B	3.20 B	0.515	0.731	0.106	0.611	0.179	0.141	0.159	---	1
2	---	---	0.1268 B	2.50 B	0.886	0.588	0.089	1.08	0.183	0.129	0.214	---	2
3	---	---	0.1268 B	2.82 B	1.26	0.477	0.083	0.820	0.290	0.131	0.173	---	3
4	---	---	0.1268 B	3.01 B	1.40	0.402	0.088	0.536	0.319	0.137	0.145	---	4
5	---	---	0.1268 B	2.77 B	1.05	0.343	0.082	0.853	0.258	0.148	0.1618	---	5
6	---	---	0.1308 B	2.75 B	0.870	0.459	0.074	0.862	0.212	0.183	---	---	6
7	---	---	0.1318 B	2.28 B	0.712	0.615	0.068	0.426	0.191	0.186	---	---	7
8	---	---	0.1328 B	2.00 B	0.608	0.524	0.062	0.263	0.170	0.173	---	---	8
9	---	---	0.1338 B	1.82 B	0.526	0.501	0.075	0.232	0.154	0.170	---	---	9
10	---	---	0.1348 B	1.97 B	0.823	0.415	0.195	0.230	0.136	0.185	---	---	10
11	---	---	0.1358 B	1.48 B	0.803	0.348	0.103	0.258	0.142	0.170	---	---	11
12	---	---	0.1368 B	1.58 B	0.720	0.354	0.081	0.251	0.124	0.178	---	---	12
13	---	---	0.1378 B	1.36 B	0.675	0.301	0.063	0.225	0.131	0.178	---	---	13
14	---	---	0.1388 B	1.01 B	0.843	0.261	0.030	0.207	0.121	0.180	---	---	14
15	---	---	0.1398 B	0.952	0.787	0.228	0.019	0.182	0.122	0.188	---	---	15
16	---	---	0.1408 B	0.856	0.533	0.218	0.010	0.182	0.120	0.184	---	---	16
17	---	---	0.1428 B	0.790	0.423	0.227	0.007	0.188	0.118	0.182	---	---	17
18	---	---	0.1458 B	0.716	0.365	0.233	0.006	0.181	0.122	0.184	---	---	18
19	---	---	0.1508 B	0.834	1.14	0.218	0.005	0.147	0.121	0.188	---	---	19
20	---	---	0.1548 B	0.820	2.83	0.190	0.004	0.158	0.117	0.181	---	---	20
21	---	---	0.1728 B	0.550	3.14	0.207	0.005	0.252	0.112	0.184	---	---	21
22	---	---	0.1908 B	0.522	2.86	0.855	0.015	0.344	0.108	0.180	---	---	22
23	---	---	0.2068 B	0.491	2.36	0.588	0.018	0.288	0.113	0.158	---	---	23
24	---	---	0.2318 B	0.436	2.01	0.397	0.014	0.248	0.122	0.180	---	---	24
25	---	---	0.3678 B	0.413	1.38	0.274	0.014	0.170	0.122	0.188	---	---	25
26	---	---	0.3608 B	0.385	1.02	0.208	0.018	0.184	0.122	0.183	---	---	26
27	---	---	0.3508 B	0.364	0.771	0.156	0.023	0.143	0.124	0.186	---	---	27
28	---	---	0.2908 B	0.401	0.828	0.128	0.038	0.148	0.126	0.180	---	---	28
29	---		0.3478 B	0.382	0.681	0.123	0.018	0.173	0.142	0.136	---	---	29
30	---		1.63 B	0.438	0.824	0.114	0.034	0.209	0.148	0.145	---	---	30
31	---		3.32 B		0.806		0.067	0.250		0.145		---	31
TOTAL	---	---	10.188	38.300	34.155	10.478	1.420	10.088	4.580	4.888	---	---	TOTAL
MEAN	---	---	0.328	1.31	1.10	0.349	0.048	0.325	0.153	0.158	---	---	MEAN
MAX	---	---	3.32	3.20	3.14	0.731	0.195	1.08	0.319	0.193	---	---	MAX
MIN	---	---	0.126	0.364	0.385	0.114	0.004	0.143	0.108	0.129	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.470
MAXIMUM DAILY, 3.320 ON MAR 31
MINIMUM DAILY, 0.004 ON JUL 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 51 28 N
LONG 115 21 45 W
DRAINAGE AREA, 281 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	123
FEB	---	AUG	671
MAR	678	SEP	306
APR	3 400	OCT	422
MAY	2 950	NOV	---
JUN	905	DEC	---

TOTAL DISCHARGE, 8 950 dam³

PADDLE RIVER NEAR ROCKFORT BRIDGE - STATION NO. 07BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0098	0.010	0.014	1.84	0.118	0.088	0.090	0.215	---	1
2	---	---	0 B	1.50 B	0.011	0.012	1.68	0.113	0.092	0.088	0.212A	---	2
3	---	---	0 B	2.66 B	0.012	0.014	1.84	0.103	0.084	0.090	---	---	3
4	---	---	0 B	0.3398	0.011	0.015	1.61	0.114	0.084	0.082	---	---	4
5	---	---	0 B	0.0688	0.011	0.015	1.84	0.120	0.088	0.088	---	---	5
6	---	---	0 B	0.0288	0.011	0.028	1.83	0.118	0.086	0.091	---	---	6
7	---	---	0 B	0.0468	0.012	0.017	0.833	0.133	0.085	0.090	---	---	7
8	---	---	0 B	0.0338	0.088	0.014	1.42	0.126	0.088	0.085	---	---	8
9	---	---	0 B	0.0418	0.016	0.017	1.45	0.134	0.094	0.087	---	---	9
10	---	---	0 B	0.0238	0.023	0.018	0.747	0.132	0.086	0.088	---	---	10
11	---	---	0 B	0.0188	0.018	0.018	0.030	0.143	0.093	0.085	---	---	11
12	---	---	0 B	0.0278	0.020	0.174	0.028	0.133	0.100	0.084	---	---	12
13	---	---	0 B	0.0328	0.021	0.071	0.023	0.128	0.089	0.082	---	---	13
14	---	---	0 B	0.0248	0.022	0.068	0.030	0.128	0.086	0.833	---	---	14
15	---	---	0 B	0.0118	0.023	0.082	0.024	0.120	0.085	0.252	---	---	15
16	---	---	0 B	0.3688	0.023	0.084	0.027	0.120	0.085	5.252	---	---	16
17	---	---	0 B	0.0148	0.023	0.880	0.026	0.123	0.082	0.255	---	---	17
18	---	---	0 B	0.0088	0.023	1.16	0.025	0.121	0.083	0.261	---	---	18
19	---	---	0 B	0.010	0.028	1.10	0.035	0.122	0.084	0.256	---	---	19
20	---	---	0.0018	0.009	0.028	1.12	0.021	0.137	0.088	0.229	---	---	20
21	---	---	0.0018	0.008	0.020	1.08	0.033	0.120	0.085	0.230	---	---	21
22	---	---	0.0018	0.008	0.017	1.08	0.040	0.120	0.086	0.233	---	---	22
23	---	---	0.0018	0.013	0.021	1.12	0.031	0.135	0.092	0.228	---	---	23
24	---	---	0.0108	0.013	0.023	1.34	0.032	0.128	0.090	0.230	---	---	24
25	---	---	0.0808	0.011	0.021	1.57	0.041	0.138	0.088	0.227	---	---	25
26	---	---	0.0548	0.011	0.023	1.59	0.043	0.126	0.091	0.224	---	---	26
27	---	---	0.0038	0.011	0.024	1.57	0.033	0.118	0.088	0.222	---	---	27
28	---	---	0.0028	0.010	0.364	1.60	0.037	0.158	0.087	0.221	---	---	28
29	---		0.0018	0.010	0.030	1.62	0.036	0.082	0.088	0.233	---	---	29
30	---		0.0108	0.010	0.014	1.66	0.114	0.084	0.089	0.218	---	---	30
31	---		0.0078		0.013		0.201	0.088		0.224		---	31
TOTAL	---	---	0.181	5.370	0.864	18.822	15.148	3.770	2.738	8.080	---	---	TOTAL
MEAN	---	---	0.005	0.179	0.031	0.631	0.488	0.122	0.091	0.195	---	---	MEAN
MAX	---	---	0.080	2.66	0.364	1.66	1.66	0.158	0.100	0.833	---	---	MAX
MIN	---	---	0	0.008	0.010	0.012	0.021	0.082	0.084	0.082	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.217
MAXIMUM DAILY, 2.660 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.4 AT 12:30 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 44 N
LONG 115 02 27 W
DRAINAGE AREA, 825 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 310
FEB	---	AUG	326
MAR	15.6	SEP	237
APR	464	OCT	524
MAY	83.3	NOV	---
JUN	1 830	DEC	---

TOTAL DISCHARGE, 4 890 dam³

PADDLE RIVER NEAR SANCUDO - STATION NO. 07BB012

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	851.347	851.430	851.581	851.283	851.283	851.173	---	---	1
2	---	---	---	---	851.387	851.423	851.600	851.471	851.378	851.278	851.344	---	2
3	---	---	---	---	851.427	851.378	851.595	851.435	851.288	851.187	---	---	3
4	---	---	---	---	851.642	851.303	851.589	851.384	851.283	851.223	---	---	4
5	---	---	---	---	851.813	851.288	851.545	851.378	851.378	851.283	---	---	5
6	---	---	---	---	---	851.545	851.283	851.529	851.388	851.337	851.235	---	---	6
7	---	---	---	852.189	851.528	851.301	851.553	851.338	851.337	851.211	---	---	7
8	---	---	---	852.025	851.471	851.295	851.541	851.277	851.348	851.253	---	---	8
9	---	---	---	851.878	851.468	851.338	851.547	851.287	851.385	851.278	---	---	9
10	---	---	---	851.844	851.468	851.214	851.540	851.270	851.237	851.245	---	---	10
11	---	---	---	851.803	851.416	851.286	851.243	851.278	851.171	851.290	---	---	11
12	---	---	---	851.753	851.539	851.207	851.179	851.288	851.245	851.288	---	---	12
13	---	---	---	851.782	851.410	851.298	851.143	851.267	851.258	851.285	---	---	13
14	---	---	---	851.703	851.371	851.248	851.035	851.311	851.235	851.288	---	---	14
15	---	---	---	851.877	851.323	851.212	851.019	851.307	851.248	851.337	---	---	15
16	---	---	---	851.847	851.273	851.051	851.085	851.294	851.288	851.335	---	---	16
17	---	---	---	851.832	851.288	851.218	851.059	851.248	851.288	851.305	---	---	17
18	---	---	---	851.681	851.384	851.422	851.148	851.221	851.271	851.315	---	---	18
19	---	---	---	851.481	851.373	851.542	851.151	851.227	851.284	851.308	---	---	19
20	---	---	---	851.407	851.393	851.540	851.123	851.252	851.248	851.287	---	---	20
21	---	---	---	851.383	851.726	851.537	851.138	851.224	851.218	851.317	---	---	21
22	---	---	---	851.377	851.784	851.511	851.158	851.211	851.228	851.328	---	---	22
23	---	---	---	851.373	851.896	851.504	851.189	851.317	851.248	851.311	---	---	23
24	---	---	---	851.381	851.814	851.535	851.153	851.335	851.231	851.317	---	---	24
25	---	---	---	851.336	851.951	851.535	851.091	851.383	851.243	851.318	---	---	25
26	---	---	---	851.313	851.512	851.524	851.133	851.338	851.287	851.315	---	---	26
27	---	---	---	851.316	851.417	851.547	851.158	851.278	851.231	851.313	---	---	27
28	---	---	---	851.312	851.368	851.539	851.105	851.394	851.288	851.311	---	---	28
29	---	---	---	851.302	851.453	851.501	851.088	851.287	851.263	851.317	---	---	29
30	---	---	---	851.418	851.381	851.510	851.263	851.213	851.231	851.318	---	---	30
31	---	---	---		851.451		851.236	851.255		851.331	---	---	31
MEAN	---	---	---	---	851.478	851.404	851.371	851.300	851.285	851.287	---	---	MEAN
MAX	---	---	---	---	851.842	851.547	851.600	851.471	851.378	851.337	---	---	MAX
MIN	---	---	---	---	851.288	851.051	851.019	851.211	851.171	851.173	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 38 N
LONG 114 53 35 W

REGULATED SINCE 1984

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
1 170 km²

PADDLE RIVER RESERVOIR NEAR ROCHFORT BRIDGE - STATION NO. 07BB014

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	887.122E	891.906	894.808	894.655	894.438E	894.977	895.057	894.943	895.035	1
2	---	---	---	887.894E	891.957	894.858	894.593	894.510	894.882	895.056	894.938	895.041	2
3	---	---	---	888.268A	892.022	894.894	894.530	894.577	894.886	895.055	894.934	895.046	3
4	---	---	---	888.374E	892.109	894.823	894.485	894.838	894.888	895.053	894.933	895.048	4
5	---	---	894.800A	888.442E	892.226	894.957	894.405	894.888	895.009	895.050	894.942	895.040	5
6	---	---	---	889.890A	892.316	895.013	894.363	894.728	895.021	895.047	894.944	895.038	6
7	---	---	---	889.850	892.391	895.058	894.301	894.751	895.032	895.043	894.948	895.048	7
8	---	---	---	890.101	892.466	895.058	894.291	894.774	895.036	895.040	894.948	895.058	8
9	---	---	---	890.373A	892.516	895.128	894.212	894.790	895.062	895.039	894.950	895.056	9
10	---	---	---	890.443	892.582	895.168	894.176	894.888	895.071	895.047	894.948	895.073	10
11	---	---	---	890.638	892.651	895.193	894.148	894.817	895.073	895.058	894.948	895.080	11
12	---	---	---	890.767	892.723	895.208	894.188	894.820	895.074	895.055	894.948	895.087	12
13	---	---	---	890.891	892.800	895.218	894.185	894.830	895.076	895.052	894.947	895.092	13
14	---	---	---	891.023	892.892	895.223	894.187	894.835	895.076	895.036	894.948	895.092	14
15	---	---	---	891.128	892.978	895.231	894.188	894.882	895.078	895.012	894.954	895.086	15
16	---	---	---	891.200A	893.046	895.234	894.190	894.884	895.078	895.004	894.962	895.108	16
17	---	---	894.868A	891.274	893.111	895.238	894.192	894.885	895.072	894.997	894.970	895.109	17
18	---	---	---	891.347	893.178	895.224	894.195	894.888	895.068	894.991	894.977	895.112	18
19	---	---	---	891.411	893.238	895.183	894.187	894.887	895.064	894.984	894.985	895.114	19
20	---	---	---	891.471	893.329	895.141	894.188	894.888	895.062	894.978	894.988	895.116	20
21	---	---	---	891.526	893.520	895.106	894.188	894.871	895.061	894.974	894.981	895.118	21
22	---	---	---	891.583	893.747	895.078	894.188	894.878	895.060	894.974	894.981	895.120	22
23	---	---	---	891.635	893.954	895.048	894.188	894.888	895.058	894.974	894.988	895.121	23
24	---	---	---	891.681	894.131	895.018	894.185	894.913	895.058	894.974	894.997	895.123	24
25	---	---	---	891.700	894.277	894.988	894.187	894.930	895.058	894.974	895.003	895.126	25
26	---	---	895.073A	891.747	894.392	894.938	894.214	894.931	895.057	894.974	895.008	895.128	26
27	---	---	---	891.776	894.481	894.882	894.210	894.942	895.057	894.981	895.014	895.127	27
28	---	---	---	891.801	894.542	894.828	894.212	894.951	895.058	894.987	895.018	895.128	28
29	---		---	891.828	894.605	894.776	894.210	894.958	895.058	894.953	895.024	895.131	29
30	---		---	891.858	894.668	894.717	894.288E	894.965	895.057	894.950	895.030	895.140	30
31	---		895.550A		894.751		894.380E	894.971		894.947		895.144	31
MEAN	---	---	---	890.618	893.209	895.048	894.267	894.818	895.049	895.008	894.970	895.084	MEAN
MAX	---	---	---	891.858	894.751	895.238	894.655	894.971	895.076	895.057	895.030	895.144	MAX
MIN	---	---	---	887.122	891.906	894.717	894.144	894.438	894.977	894.947	894.933	895.035	MIN

WATER LEVELS IN METRES

- SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 895.238 ON JUN 19

MAXIMUM INSTANTANEOUS,
895.240 AT 03:11 MST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 35 N
LONG 115 04 03 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PAINTEARTH CREEK NEAR HALKIRK - STATION NO. 05FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.7488	0.002	0	0	0	0	0	---	---	1
2	---	---	0 B	1.30 B	0.002	0	0	0	0.009	0	---	---	2
3	---	---	0 B	1.55 B	0.002	0	0	0	0.578	0	---	---	3
4	---	---	0 B	1.25 B	0.003	0	0	0	0.830	0	---	---	4
5	---	---	0.0868	0.9858	0.002	0	0	0.018	0.282	0	---	---	5
6	---	---	0.0778	0.8808	0.002	0	0	0.011	0.228	0	---	---	6
7	---	---	0.0118	0.7818	0.001	0	0	0.003	0.203	0	---	---	7
8	---	---	0 B	0.8678	0.001	0	0.023	0.002	0.184	0	---	---	8
9	---	---	0 B	0.8868	0.001	0	0.054	0.034	0.102	0	---	---	9
10	---	---	0 B	0.4838	0.001	0	0.034	0.012	0.068	0	---	---	10
11	---	---	0 B	0.3778	0.001	0	0.008	0.001	0.072	0	---	---	11
12	---	---	0 B	0.3028	0	0	0.001	0	0.044	0	---	---	12
13	---	---	0 B	0.2178	0	0	0	0	0.025	0	---	---	13
14	---	---	0 B	0.1578	0	0	0	0	0.017	0	---	---	14
15	---	---	0 B	0.107	0	0	0	0.001	0.009	0	---	---	15
16	---	---	0 B	0.088	0	0	0	0.001	0.007	0	---	---	16
17	---	---	0 B	0.063	0	0	0	0.002	0.006	0	---	---	17
18	---	---	0 B	0.078	0	0	0	0.001	0.004	0	---	---	18
19	---	---	0 B	0.140	0	0	0	0.002	0.003	0	---	---	19
20	---	---	0 B	0.234	0	0	0	0.002	0.003	0	---	---	20
21	---	---	0 B	0.218	0	0	0	0	0.002	0	---	---	21
22	---	---	0 B	0.161	0	0	0	0	0.002	0	---	---	22
23	---	---	0 B	0.134	0	0	0	0	0.001	0	---	---	23
24	---	0B	0 B	0.089	0	0	0	0	0	0	---	---	24
25	---	0B	0 B	0.070	0	0	0	0	0	0	---	---	25
26	---	0B	0 B	0.052	0	0	0	0	0	0	---	---	26
27	---	0B	0 B	0.038	0	0	0	0	0	0	---	---	27
28	---	0B	0 B	0.028	0	0	0	0	0	0	---	---	28
29	---		0 B	0.013	0	0	0	0	0	0	---	---	29
30	---		0.0058	0.003	0	0	0	0	0	0	---	---	30
31	---		0.2038		0		0	0		0	---	---	31
TOTAL	---	---	0.384	11.675	0.018	0	0.121	0.088	2.446	0	---	---	TOTAL
MEAN	---	---	0.013	0.389	0.001	0	0.004	0.003	0.082	0	---	---	MEAN
MAX	---	---	0.203	1.55	0.003	0	0.054	0.034	0.630	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 1.550 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 00 N
LONG 112 08 00 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.5
FEB	---	AUG	7.60
MAR	34.0	SEP	211
APR	1 030	OCT	0
MAY	1.58	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 390 dam³

PARSLEEN CREEK NEAR CHANCELLOR - STATION NO. 05BM007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0	---	2
3	---	---	0	0.051	0	0	0	0	0	0	0	---	3
4	---	---	0	0.113	0	0	0	0	0	0	---	---	4
5	---	---	0	0.082	0	0	0	0	0	0	---	---	5
6	---	---	0	0.062	0	0	0	0	0	0	---	---	6
7	---	---	0	0.051	0	0	0	0	0	0	---	---	7
8	---	---	0	0.035	0	0	0	0	0	0	---	---	8
9	---	---	0	0.034	0	0	0	0	0	0	---	---	9
10	---	---	0	0.016	0	0	0	0	0	0	---	---	10
11	---	---	0	0.014	0	0	0	0	0	0	---	---	11
12	---	---	0	0.012	0	0	0	0	0	0	---	---	12
13	---	---	0	0.010	0	0	0	0	0	0	---	---	13
14	---	---	0	0.008	0	0	0	0	0	0	---	---	14
15	---	---	0	0.006	0	0	0	0	0	0	---	---	15
16	---	---	0	0.004	0	0	0	0	0	0	---	---	16
17	---	---	0	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0	0.004	0	0	0	0	0	0	---	---	18
19	---	0A	0	0.004	0	0	0	0	0	0	---	---	19
20	---	0	0	0.002	0	0	0	0	0	0	---	---	20
21	---	0	0	0.003	0	0	0	0	0	0	---	---	21
22	---	0	0	0.004	0	0	0	0	0	0	---	---	22
23	---	0	0	0.003	0	0	0	0	0	0	---	---	23
24	---	0	0	0.001	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0	---	---	31
TOTAL	---	---	0	0.541	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.018	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.113	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.113 ON APR 4
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.181 AT 19:33 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 40 N
LONG 112 50 27 W
DRAINAGE AREA, 129 km²

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	48.7	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 48.7 dam³

PARLBY CREEK AT ALIX - STATION NO. 05CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	0.2118	0.386	0.078	0.008	0.002	0.003	0.004	0.022	---	1
2	---	---	0.0368	0.1788	0.361	0.066	0.005	0.002	0.015	0.004	0.023	---	2
3	---	---	0.0388	0.5858	0.378	0.058	0.005	0.002	0.017	0.007	0.021A	---	3
4	---	---	0.0448	2.48 B	0.374	0.053	0.005	0.002	0.008	0.010	---	---	4
5	---	---	0.0588	5.86 B	0.386	0.097	0.005	0.005	0.005	0.011	---	---	5
6	---	---	0.0678	8.82	0.330	0.085	0.007	0.018	0.007	0.010	---	---	6
7	---	---	0.0748	8.63	0.307	0.048	0.008	0.027	0.008	0.008	---	---	7
8	---	---	0.0778	7.41	0.281	0.035	0.013	0.022	0.010	0.008	---	---	8
9	---	---	0.0788	5.86	0.241	0.030	0.033	0.017	0.011	0.008	---	---	9
10	---	---	0.0728	4.63	0.205	0.031	0.018	0.018	0.013	0.008	---	---	10
11	---	---	0.0718	3.82	0.188	0.026	0.011	0.026	0.018	0.008	---	---	11
12	---	---	0.0718	3.82	0.186	0.026	0.021	0.033	0.018	0.009	---	---	12
13	---	---	0.0738	3.37	0.283	0.021	0.018	0.032	0.020	0.010	---	---	13
14	---	---	0.0798	3.08	0.281	0.013	0.016	0.031	0.022	0.010	---	---	14
15	---	---	0.0778	1.84	0.203	0.008	0.034	0.031	0.021	0.011	---	---	15
16	---	---	0.0778	1.81	0.188	0.013	0.018	0.031	0.021	0.011	---	---	16
17	---	---	0.0748	1.41	0.188	0.015	0.008	0.026	0.020	0.007	---	---	17
18	---	---	0.0608	1.28	0.137	0.012	0.004	0.016	0.020	0.003	---	---	18
19	---	---	0.0818	1.13	0.134	0.035	0.035	0.016	0.017	0.002	---	---	19
20	---	---	0.0818	0.971	0.139	0.038	0.041	0.022	0.014	0.004	---	---	20
21	---	---	0.0838	0.889	0.138	0.032	0.041	0.023	0.013	0.012	---	---	21
22	---	---	0.0858	0.833	0.144	0.032	0.033	0.027	0.013	0.082	---	---	22
23	---	---	0.0828	0.885	0.148	0.018	0.023	0.027	0.012	0.038	---	---	23
24	---	---	0.0638	0.695	0.144	0.018	0.020	0.024	0.011	0.021	---	---	24
25	---	---	0.0848	0.808	0.142	0.014	0.020	0.021	0.011	0.021	---	---	25
26	---	---	0.0888	0.887	0.128	0.011	0.018	0.018	0.011	0.022	---	---	26
27	---	---	0.0928	0.598	0.120	0.008	0.008	0.018	0.011	0.021	---	---	27
28	---	---	0.1018	0.524	0.108	0.008	0.005	0.011	0.013	0.078	---	---	28
29	---		0.1008	0.488	0.104	0.008	0.003	0.010	0.011	0.088	---	---	29
30	---		0.1118	0.418	0.090	0.006	0.002	0.008	0.004	0.042	---	---	30
31	---		0.2308		0.082		0.002	0.003		0.022		---	31
TOTAL	---	---	2.477	72.662	8.461	0.935	0.488	0.595	0.395	0.567	---	---	TOTAL
MEAN	---	---	0.080	2.42	0.206	0.031	0.016	0.018	0.013	0.018	---	---	MEAN
MAX	---	---	0.230	8.82	0.386	0.097	0.041	0.032	0.022	0.078	---	---	MAX
MIN	---	---	0.036	0.178	0.082	0.006	0.002	0.002	0.003	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.345
MAXIMUM DAILY, 8.82 ON APR 6
MINIMUM DAILY, 0.002 ON JUL 29
MAXIMUM INSTANTANEOUS,
8.81 AT 15:40 MST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 24 27 N
LONG 113 11 43 W
DRAINAGE AREA, 515 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	41.8
FEB	---	AUG	48.8
MAR	214	SEP	34.1
APR 6	280	OCT	49.0
MAY	557	NOV	---
JUN	80.8	DEC	---

TOTAL DISCHARGE, 7 310 dam³

PARLBY CREEK NEAR MIRROR - STATION NO. 05CD802

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	1.10	0.837	0.023	0	0.001	0 A	---	---	1
2	---	---	---	0.2008	1.01	0.332	0.001	0.005	0.021E	---	---	---	2
3	---	---	---	0.1708	0.920	0.286	0	0.007	---	---	---	---	3
4	---	---	---	0.4748	0.880	0.248	0.030	0.042	---	---	---	---	4
5	---	---	---	1.04 E	0.850	0.210	0.044	0.118	---	---	---	---	5
6	---	---	---	1.81 E	0.844	0.231	0.035	0.125	---	---	---	---	6
7	---	---	---	2.16 A	0.839	0.284	0.008	0.117	---	---	---	---	7
8	---	---	---	3.67 A	0.838	0.332	0.015	0.106	---	0.008A	---	---	8
9	---	---	---	4.06 A	0.674	0.264	0.023	0.077	---	---	---	---	9
10	---	---	---	5.67 A	0.514	0.182	0.027	0.096	---	---	---	---	10
11	---	---	---	5.73 E	0.855	0.161	0.001	0.111	0.017A	---	---	---	11
12	---	---	---	5.69 E	0.863	0.093	0	0.120	---	---	---	---	12
13	---	---	---	8.05 A	0.872	0.055	0.003	0.080	---	---	---	---	13
14	---	---	---	8.06	0.859	0.030	0.008	0.063	---	---	---	---	14
15	---	---	---	5.78	0.937	0	0.026	0.118	---	---	---	---	15
16	---	---	---	3.44	0.913	0.026	0.022	0.130	---	---	---	---	16
17	---	---	---	2.21	0.886	0.084	0	0.118	---	---	---	---	17
18	---	---	---	2.18	0.863	0.087	0	0.102	---	---	---	---	18
19	---	---	---	2.40	0.836	0.051	0.018	0.084	---	---	---	---	19
20	---	---	---	2.40	0.808	0.026	0.055	0.148	---	---	---	---	20
21	---	---	---	1.88	0.784	0.022	0.025	0.186	---	---	---	---	21
22	---	---	---	1.33	0.778	0.011	0.023	0.184	---	---	---	---	22
23	---	---	---	1.08	0.774	0	0.110	0.140	---	0.007E	---	---	23
24	---	---	---	1.02	0.770	0.004	0.126	0.118	---	---	---	---	24
25	---	---	---	1.04	0.788	0.024	0.103	0.118	0 A	---	---	---	25
26	---	---	---	1.05	0.770	0.050	0.101	0.121	0 E	---	---	---	26
27	---	---	---	1.07	0.767	0.063	0.152	0.102	0 E	---	---	---	27
28	---	---	---	1.08	0.770	0.057	0.088	0.082	0 E	---	---	---	28
29	---		---	1.13	0.772	0.057	0.043	0.078	0 E	---	---	---	29
30	---		---	1.13	0.771	0.048	0.005	0.081	0 E	0.338A	---	---	30
31	---		---		0.868		0.0 E	0.036		---		---	31
TOTAL	---	---	---	72.154	26.674	3.837	1.118	2.893	---	---	---	---	TOTAL
MEAN	---	---	---	2.41	0.857	0.131	0.036	0.087	---	---	---	---	MEAN
MAX	---	---	---	5.08	1.10	0.837	0.152	0.186	---	---	---	---	MAX
MIN	---	---	---	0	0.868	0	0	0	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.08 ON APR 14
MINIMUM DAILY, 0B ON APR 1
MAXIMUM INSTANTANEOUS,
8.18 AT 00:00 MST ON APR 14

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 50 N
LONG 113 05 40 W
DRAINAGE AREA, 843 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	69.4
FEB	---	AUG	269
MAR	---	SEP	---
APR 6	330	OCT	---
MAY 2	300	NOV	---
JUN	340	DEC	---

PEACE RIVER AT DUNVEGAN BRIDGE - STATION NO. 07FD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2 120	2 400	2 080	1 800	1 830	1 830	---	---	1
2	---	---	---	---	2 480	2 800	2 010	3 030A	1 580	1 810	---	---	2
3	---	---	---	---	2 830	2 380	1 980	5 740A	1 520	1 630	---	---	3
4	---	---	---	---	2 650	2 440	2 030	5 480	1 580	1 590	---	---	4
5	---	---	---	---	2 670	2 830	1 970	4 480A	1 580	1 210	---	---	5
6	---	---	---	---	2 600	2 820	1 980	3 860E	1 580	1 380	---	---	6
7	---	---	---	---	2 440	3 550	2 030	3 440E	1 600	1 480	---	---	7
8	---	---	---	---	2 270	1 880	1 980	2 810E	1 470	1 510	---	---	8
9	---	---	---	---	2 380	2 390	2 030	2 380E	1 440	1 580	---	---	9
10	---	---	---	---	2 150	2 440	2 140	1 870A	1 470	1 510	---	---	10
11	---	---	---	---	1 810	2 280	2 200	2 080	1 480	1 410	---	---	11
12	---	---	---	---	1 670	2 840	1 730	2 060	1 380	1 430	---	---	12
13	---	---	---	---	2 170	3 020	1 550	2 180	1 280	1 370	---	---	13
14	---	---	---	---	2 240	3 120	1 480	2 020	1 380	1 410	---	---	14
15	---	---	---	---	1 880	3 100	1 580	1 770	1 380	1 480	---	---	15
16	---	---	---	---	2 040	2 820	1 530	1 880	1 510	1 480	---	---	16
17	---	---	---	---	1 880	2 810	1 880	1 840	1 480	1 380	---	---	17
18	---	---	---	---	1 740	2 480	1 880	1 870	1 580	1 520	---	---	18
19	---	---	---	---	1 880	2 230	1 440	1 780	1 540	1 400	---	---	19
20	---	---	---	---	1 700	2 230	1 270	1 830	1 340	1 420	---	---	20
21	---	---	---	---	1 780	2 280	1 340	1 720	1 480	1 400	---	---	21
22	---	---	---	---	1 880	2 260	1 430	1 480	1 500	1 380	---	---	22
23	---	---	---	---	1 880	2 700	1 510	1 480	1 400	1 380	---	---	23
24	---	---	---	---	1 820	2 880	1 380	1 340	1 430	1 430	---	---	24
25	---	---	---	---	1 740	2 710	1 480	1 400	1 410	1 330	---	---	25
26	---	---	---	---	1 780	2 820	1 440	1 380	1 380	1 480	---	---	26
27	---	---	---	2 080A	2 340	2 290	1 220	1 270	1 280	1 480	---	---	27
28	---	---	---	1 840	2 280	2 230	1 430	1 320	841A	1 470	---	---	28
29	---		---	1 810	2 480	2 180	1 880	1 180	1 080A	1 840A	---	---	29
30	---		---	1 810	2 780	2 180	1 880	1 380	1 520	1 880E	---	---	30
31	---		---		2 880		1 780	1 890		1 880E		---	31
TOTAL	---	---	---	---	66 840	75 180	53 140	89 020	42 811	46 040	---	---	TOTAL
MEAN	---	---	---	---	2 160	2 510	1 710	2 230	1 430	1 480	---	---	MEAN
MAX	---	---	---	---	2 780	3 120	2 200	5 740	1 820	1 880	---	---	MAX
MIN	---	---	---	---	1 880	1 880	1 220	1 180	841	1 210	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 810
MAXIMUM DAILY, 5 740A ON AUG 3
MINIMUM DAILY, 841A ON SEP 28
MAXIMUM INSTANTANEOUS,
5 940 AT 18:30 MST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 09 N
LONG 118 38 18 W
DRAINAGE AREA, 130 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 590 000
FEB	---	AUG	5 960 000
MAR	---	SEP	3 710 000
APR	---	OCT	3 990 000
MAY	5 780 000	NOV	---
JUN	6 500 000	DEC	---

TOTAL DISCHARGE, 30 400 000 dam³

PEACE RIVER AT FORT VERMILION - STATION NO. 07HF001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	5.228	5.448	4.772	5.344	4.817	4.189	3.828	3.363	---	---	1
2	---	---	5.127	5.434	4.713	5.572	4.874	4.480	3.811	3.188	---	---	2
3	---	---	5.093	5.468	4.783	5.572	4.889	4.804	3.885	3.384	---	---	3
4	---	---	5.082	5.525	4.843	5.488	4.822	5.225	4.109	3.880	---	---	4
5	---	---	5.080	5.788	5.288	5.811	4.788	5.857	4.120	3.748	---	---	5
6	---	---	5.085	5.848	5.502	5.919	4.708	5.878	4.077	3.788	---	---	6
7	---	---	5.017	5.113	5.531	5.800	4.891	5.047	4.095	3.887	---	---	7
8	---	---	4.880	5.288	5.482	5.707	4.882	7.530	4.135	3.708	---	---	8
9	---	---	4.948	5.478	5.385	5.830	4.841	7.015	4.132	3.588	---	---	9
10	---	---	4.848	5.818	5.283	5.808	4.847	5.481	4.075	3.988	---	---	10
11	---	---	4.884	5.711	5.185	5.881	4.828	5.886	4.030	3.780	---	---	11
12	---	---	4.888	5.788	5.231	5.930	4.818	5.843	3.971	3.812	---	---	12
13	---	---	4.888	5.854	5.218	5.843	4.886	5.284	3.911	3.788	---	---	13
14	---	---	5.010	7.032	5.088	5.492	4.893	5.287	3.886	3.788	---	---	14
15	---	---	5.071	7.180	4.997	5.488	4.891	5.380	3.883	3.728	---	---	15
16	---	---	5.123	7.204A	5.117	5.881	4.234	5.348	3.778	3.881	---	---	16
17	---	---	5.170	7.261	5.207	6.027	4.087	5.210	3.782	3.834	---	---	17
18	---	4.813A	5.231	7.287	5.104	6.014	4.084	4.980	3.782	3.887	---	---	18
19	---	4.837	5.288	7.403	4.988	5.738	4.073	4.788	3.842	3.887	---	---	19
20	---	5.017	5.382	7.483	4.880	5.537	4.082A	4.888	3.878	3.711	---	---	20
21	---	5.112	5.381	7.808	4.881	5.388	4.087A	4.448	3.802	3.713	---	---	21
22	---	5.203	5.385	8.708	4.882	5.177	4.042	4.480	3.812	3.708	---	---	22
23	---	5.243	5.408	8.412A	4.838	5.084	3.804	4.818	3.831	3.883	---	---	23
24	---	5.248	5.433	8.287A	4.883	5.058	3.781	4.478	3.788	3.889	---	---	24
25	---	5.282	5.488	5.878	4.888	5.187	3.844	4.418	3.788	3.823	---	---	25
26	---	5.298	5.488	5.117	4.718	5.380	3.822	4.382	3.778	3.808	---	---	26
27	---	5.328	5.428	4.834	4.888	5.813	3.804A	4.288	3.732	3.833	---	---	27
28	---	5.307	5.413	4.882	4.808	5.411	3.888	4.188	3.888	3.810	---	---	28
29	---		5.428	4.888	4.817	5.217	3.803	4.113	3.881	3.808A	---	---	29
30	---		5.480	4.838	4.878	5.038	3.818	3.888	3.828	3.810E	---	---	30
31	---		5.488		5.104		3.787	3.922		3.820E		---	31
MEAN	---	---	5.208	5.410	4.874	5.488	4.227	5.233	3.884	3.883	---	---	MEAN
MAX	---	---	5.488	8.708	5.531	6.027	4.917	8.887	4.138	3.887	---	---	MAX
MIN	---	---	4.848	4.838	4.838	5.038	3.781	3.922	3.828	3.188	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 8.708 ON APR 22

MAXIMUM INSTANTANEOUS,
8.812 AT 05:00 MST ON APR 22

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 243.806 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 15 N
LONG 116 02 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

DRAINAGE AREA,
233 000 km²

PEACE RIVER AT PEACE POINT - STATION NO. 07KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 830B	1 780B	2 040B	2 180B	2 870E	2 850	3 480	1 780	1 780	1 550	1 610	2 100B	1
2	1 880B	1 740B	2 040B	2 140B	2 910E	2 800	3 240	1 770	1 700	1 540	1 640	2 080B	2
3	1 850B	1 730B	2 020B	2 130B	2 880E	3 200	3 070	1 810	1 650	1 480	1 650	2 080B	3
4	1 810B	1 740B	2 030B	2 150B	2 760E	3 470	2 980	2 370	1 620	1 380	1 570	3 020B	4
5	1 780B	1 780B	2 020B	2 200B	2 780E	3 630	2 840	3 110	1 650	1 320	1 710	1 880B	5
6	1 710B	1 800B	2 010B	2 260B	3 120E	3 850	2 900	9 610	1 700	1 420	1 780	1 940B	6
7	1 880B	1 820B	2 020B	2 280B	3 410E	3 730	2 840	9 500	1 770	1 520	1 840	1 910B	7
8	1 810B	1 880B	2 040B	2 300B	3 600E	3 820	2 780	9 320	1 780	1 800	1 910	1 810B	8
9	1 860B	2 030B	2 080B	2 340B	3 620A	3 840	2 740	8 230	1 780	1 880	1 980	1 880B	9
10	1 810B	2 020B	2 050B	2 410B	3 780E	4 080	2 700	8 770	1 780	1 880	1 920	1 880B	10
11	1 480B	2 000B	2 040B	2 480B	3 870E	4 220	2 880	5 880	1 810	1 880	1 880	2 080B	11
12	1 410B	1 870B	2 030B	2 480B	3 740E	4 210	2 850	5 100	1 780	1 870	1 830	2 110B	12
13	1 360B	1 880B	2 020B	2 440B	3 870E	4 080	2 850	4 300	1 780	1 880	1 770	2 120B	13
14	1 310B	2 000B	2 030B	3 840B	3 420A	3 940	2 840	3 780	1 710	1 840	1 880	2 090B	14
15	1 280B	2 010B	2 020B	2 700B	3 350	3 830	2 880	3 340	1 870	1 880	1 870A	2 100B	15
16	1 230B	2 000B	2 020B	2 770B	3 280	3 790	2 870	3 180	1 880	1 870	1 830E	2 080B	16
17	1 240B	1 880B	2 010B	2 850B	3 180	3 770	2 810	3 130	1 880	1 830	1 780E	2 040B	17
18	1 280B	1 880B	2 010B	2 880B	3 170	3 800	2 420	3 110	1 820	1 830	1 800E	2 000B	18
19	1 390B	1 850B	2 010B	3 080B	3 310	4 170	2 280	3 010	1 880	1 820	1 740B	1 980B	19
20	1 480B	1 880B	1 870B	3 190B	3 180	4 280	2 140	2 820	1 800	1 820	1 700B	2 010B	20
21	1 530B	1 970B	1 880B	3 240B	3 100	4 180	2 130	2 580	1 820	1 820	1 730B	2 030B	21
22	1 520B	1 880B	1 880B	3 420B	2 940	3 880	2 140	2 370	1 850	1 820	1 740B	2 010B	22
23	1 500B	2 000B	2 010B	3 400B	2 770	3 700	2 150	2 210	1 870	1 880	1 880B	1 880B	23
24	1 420B	2 030B	2 040B	3 330E	2 820	3 420	2 130	2 140	1 880	1 880	2 080B	1 800B	24
25	1 430B	2 080B	2 030B	3 280E	2 820	3 250	2 040	2 130	1 870	1 840	2 040B	1 810B	25
26	1 470B	2 070B	2 030B	3 180E	2 480	3 180	1 830	2 110	1 820	1 820	2 020B	1 980B	26
27	1 500B	2 070B	2 040B	3 040E	2 830	3 220	1 880	2 080	1 810	1 820	2 080B	2 080B	27
28	1 520B	2 080B	2 050B	2 880E	2 880	3 400	1 880	2 010	1 800	1 800	2 070B	2 100B	28
29	1 550B		2 080B	2 970E	2 900	3 580	1 870	1 980	1 580	1 880	2 080B	2 140B	29
30	1 620B		2 070B	2 880E	3 880	3 800	1 840	1 910	1 870	1 800	2 120B	2 150B	30
31	1 720B		2 080B		2 820		1 830	1 810		1 800		2 150B	31
TOTAL	47 490	54 540	62 880	81 880	85 180	110 780	78 880	112 440	50 320	48 130	55 010	83 640	TOTAL
MEAN	1 830	1 950	2 030	2 720	3 070	3 690	2 480	3 830	1 880	1 880	1 830	2 020	MEAN
MAX	1 830	2 080	2 070	3 430	3 870	4 280	3 480	9 500	1 810	1 880	3 120	2 150	MAX
MIN	1 230	1 730	1 870	2 130	2 480	2 850	1 830	1 770	1 870	1 320	1 870	1 810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 350
MAXIMUM DAILY, 9 500 ON AUG 7
MINIMUM DAILY, 1 230B ON JAN 18
MAXIMUM INSTANTANEOUS,
9 810 AT 21:13 MST ON AUG 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 06 50 N
LONG 112 25 35 W
DRAINAGE AREA, 293 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 100 000	JUL	6 840 000
FEB	4 710 000	AUG	9 710 000
MAR	5 430 000	SEP	4 350 000
APR	7 060 000	OCT	4 240 000
MAY	8 230 000	NOV	4 750 000
JUN	9 870 000	DEC	5 410 000

TOTAL DISCHARGE, 74 200 000 dam³

PEACE RIVER AT PEACE RIVER - STATION NO. 07HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 330B	1 820B	1 910B	1 870B	2 370	3 230	2 710	2 240	2 010	1 720	1 880	1 780	1
2	1 260B	1 840B	1 880B	1 880B	2 810	3 140	2 880	3 720	1 890	1 710	2 010	1 830	2
3	1 230B	1 850B	1 840B	2 010B	3 170	3 180	2 840	11 400	1 870	1 890	2 040	1 880	3
4	1 180B	1 850B	1 920B	2 240B	3 380	3 150	2 580	10 100	1 880	1 820	2 030	2 080	4
5	1 150B	1 850B	1 900B	2 280B	3 150	3 340	2 880	7 270	2 010	1 820	1 810	2 080	5
6	1 140B	1 800B	1 880B	2 380B	3 200	3 380	2 800	5 770	2 030	1 370	1 880	1 830	6
7	1 170B	1 780B	1 840B	2 800B	3 010	3 480	2 580	4 480	1 820	1 820	1 770	2 010	7
8	1 260B	1 780B	1 880B	2 870B	2 930	3 180	2 810	3 750	1 810	1 700	1 820	2 020	8
9	1 370B	1 780B	1 850B	2 770B	2 920	2 950	2 480	3 280	1 870	1 880	1 300	1 970	9
10	1 430B	1 790B	1 880B	2 880B	3 110	3 330	2 880	2 840	1 770	1 700	1 280	1 870	10
11	1 450B	1 780B	1 880B	2 880B	2 870	3 280	2 850	2 630	1 830	1 880	1 530	1 840	11
12	1 360B	1 780B	1 950B	2 880B	2 810	3 240	2 480	3 240	1 780	1 570	1 720	1 820	12
13	1 270B	1 780B	1 840B	2 830	2 780	3 280	2 020	3 090	1 820	1 880	1 850	1 870	13
14	1 280B	1 800B	1 970B	3 080	3 130	3 770	1 810	3 130	1 880	1 470	1 410	1 870	14
15	1 400B	1 850B	1 850B	3 910	2 880	4 240	1 930	3 770	1 720	1 810	1 480	1 880	15
16	1 380B	1 850B	1 840B	2 980	2 740	3 840	2 010	3 810	1 780	1 880	1 530	1 770	16
17	1 380B	1 840B	1 930B	2 880	2 880	3 370	1 880	3 320	1 780	1 880	1 420	1 810	17
18	1 430B	1 810B	1 840B	2 870	3 370	3 270	2 030	2 180	1 800	1 880	1 410	1 780	18
19	1 480B	1 860B	1 850B	2 440	3 380	3 020	1 880	2 280	1 820	1 820	1 840	1 820	19
20	1 870B	1 810B	1 870B	2 760	3 300	2 880	1 770	2 370	1 780	1 830	1 820	1 880	20
21	1 800B	1 810B	1 870B	2 880	2 380	2 810	1 880	2 310	1 880	1 840	1 880	1 880	21
22	1 880B	1 880B	1 930B	2 840	2 480	3 010	1 820	2 230	1 780	1 480	1 800	1 850	22
23	1 880B	1 880B	1 810B	2 880	2 880	3 200	1 880	2 210	1 780	1 520	1 880	1 830	23
24	1 880B	1 820B	1 800B	2 800	3 080	3 520	1 810	2 140	1 830	1 880	1 880	1 820	24
25	1 800B	1 810B	1 820B	3 800	2 420	3 380	1 810	1 940	1 880	1 470	1 850	1 870	25
26	1 880B	1 820B	1 810B	3 480	3 330	3 080	1 870	2 030	1 810	1 830	1 830	1 830	26
27	1 780B	1 830B	1 820B	3 510	3 720	2 480	1 740	1 780	1 840	1 870	1 880	1 880	27
28	1 880B	1 880B	1 800B	3 370	3 030	2 780	1 840	1 780	1 180	1 830	1 830	1 810	28
29	1 880B		1 800B	3 170	3 100	2 710	2 210	1 880	878	1 830	1 820	1 860	29
30	1 830B		1 880B	3 210	3 470	2 710	3 430	1 820	1 810	1 880	1 880	1 880	30
31	1 810B		1 880B		3 840		2 380	1 870		1 870		2 040	31
TOTAL	46 310	53 030	59 800	77 810	87 380	96 380	67 330	103 080	53 188	49 840	52 830	59 480	TOTAL
MEAN	1 480	1 880	1 930	2 880	2 820	3 210	2 170	3 320	1 740	1 600	1 780	1 920	MEAN
MAX	1 880	1 880	1 880	3 080	3 840	4 240	2 710	11 400	2 030	1 830	2 040	2 080	MAX
MIN	1 140	1 780	1 880	1 870	2 380	2 710	1 840	1 820	878	1 370	1 280	1 770	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 200
MAXIMUM DAILY, 11 400 ON AUG 3
MINIMUM DAILY, 878 ON SEP 28
MAXIMUM INSTANTANEOUS,
13 600 AT 18:30 MST ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 41 N
LONG 117 18 48 W
DRAINAGE AREA, 186 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 910 000	JUL	5 810 000
FEB	4 490 000	AUG	8 900 000
MAR	5 170 000	SEP	4 510 000
APR	6 710 000	OCT	4 280 000
MAY	7 850 000	NOV	4 570 000
JUN	8 330 000	DEC	5 140 000

TOTAL DISCHARGE, 69 400 000 dam³

PEACE RIVER BELOW CHANEL DES QUATRE FOURCHES - STATION NO. 07KC005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	207.933	207.974	208.282	208.288	---	---	---	---	208.017	207.478	207.188	---	1
2	207.814	207.883	208.280	208.308	---	---	---	---	207.951	207.452	207.091	---	2
3	207.803	208.027	208.316	208.303	---	---	---	---	207.886	207.398	207.081	---	3
4	207.884	208.070	208.314	208.314	---	---	---	---	207.838	207.297	207.078	---	4
5	207.826	208.114	208.281	208.313	---	208.842	---	---	207.793	207.203	207.046	---	5
6	207.785	208.121	208.280	208.320	---	208.882	---	---	207.721	207.212	207.060	---	6
7	207.880	208.104	208.198	208.338	---	208.888	---	---	207.801	207.448	207.063	---	7
8	207.831	208.080	208.188	208.400	---	208.888	208.858	---	207.883	207.585	207.112	---	8
9	207.585	208.028	208.185	208.482	---	208.141	208.882	---	207.837	207.478	207.182	---	9
10	207.830	208.031	208.137	208.589	---	208.170	208.804	210.385	207.885	207.442	207.221	---	10
11	207.494	207.885	208.111	208.743	208.004	208.178	208.856	210.152	207.881	207.482	207.231	---	11
12	207.451	207.882	208.081	208.878	208.888	208.240	208.873	209.886	207.844	207.388	207.178	---	12
13	207.393	208.018	208.065	208.898	208.882	208.138	208.875	209.878	207.800	207.327	207.128	---	13
14	207.330	208.082	208.026	209.116	208.844	208.080	208.840	209.878	207.848	207.338	207.040	---	14
15	207.295	208.141	208.001	209.228	208.828	208.112	208.827	209.278	207.893	207.387	206.840	---	15
16	207.288	208.188	207.888	209.312	208.881	208.147	208.838	209.187	207.796	207.380	---	206.703	16
17	207.280	208.223	208.011	209.440	208.834	208.011	208.884	209.082	207.893	207.282	---	206.894	17
18	207.353	208.208	208.048	209.841	208.828	208.038	---	209.085	207.892	207.278	---	206.853	18
19	207.474	208.188	208.054	---	208.788	208.122	---	209.032	207.871	207.318	---	206.828	19
20	207.837	208.202	208.078	---	208.781	208.255	---	208.884	207.842	207.308	---	206.823	20
21	207.715	208.188	208.120	---	208.780	208.318	---	208.815	207.832	207.324	---	206.828	21
22	207.738	208.148	208.184	---	---	208.208	---	208.722	207.875	207.288	---	206.883	22
23	207.733	208.127	208.203	---	---	208.070	---	208.884	207.887	207.233	---	206.481	23
24	207.727	208.137	208.223	---	---	208.881	---	208.488	207.878	207.185	---	206.384	24
25	207.781	208.178	208.264	---	---	208.811	---	208.403	207.883	207.183	---	206.300	25
26	207.801	208.227	208.283	---	---	208.888	---	208.378	207.885	207.180	---	206.228	26
27	207.881	208.273	208.278	---	---	208.888	---	208.383	207.883	207.208	---	206.205	27
28	207.883	208.288	208.282	---	---	208.887	---	208.313	207.820	207.220	---	206.218	28
29	208.001		208.330	---	---	208.857	---	208.281	207.841	207.201	---	206.308	29
30	207.888		208.318	---	---	208.000	---	208.178	207.824	207.203	---	206.421	30
31	207.883		208.327		---		---	208.101		207.217		206.838	31
MEAN	207.874	208.118	208.182	---	---	---	---	---	207.788	207.318	---	---	MEAN
MAX	208.001	208.288	208.330	---	---	---	---	---	208.017	207.585	---	---	MAX
MIN	207.288	207.874	207.888	---	---	---	---	---	207.820	207.180	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 00 N
LONG 111 35 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PRAIRIE CREEK NEAR PALMER - STATION NO. 07GH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.014	0.001	0.001	0.552	0.001	0.001	---	---	1
2	---	---	0B	0.0038	0.014	0.001	0.001	0.003	0.001	0.001	---	---	2
3	---	---	0B	0.2888	0.013	0.001	0.001	0.002	0.001	0.001	---	---	3
4	---	---	0B	0.7008	0.014	0.001	0.001	0.882	0.001	0.001	---	---	4
5	---	---	0B	4.27 B	0.014	0.001	0.001	0.002	0.001	0.001	---	---	5
6	---	---	0B	10.6 B	0.011	0.001	0.001	0	0.001	0.001	---	---	6
7	---	---	0B	13.0 B	0.011	0.001	0	0	0.001	0.001	---	---	7
8	---	---	0B	13.0	0.008	0.001	0	0	0.001	0.001	---	---	8
9	---	---	0B	18.4	0.008	0.001	0.001	0	0.001	0.001	---	---	9
10	---	---	0B	12.3	0.008	0.001	0.001	0.002	0.001	0.001	---	---	10
11	---	---	0B	8.83	0.004	0.001	0.001	0.001	0.001	0.001	---	---	11
12	---	---	0B	4.05	0.004	0.001	0.001	0.881	0.001	0.001	---	---	12
13	---	---	0B	2.40	0.004	0.001	0.001	0.001	0.001	0.001	---	---	13
14	---	---	0B	1.77	0.004	0.001	0.001	0.001	0.001	0.001	---	---	14
15	---	---	0B	1.34	0.133	0.001	0.002	0.001	0.001	0.001	---	---	15
16	---	---	0B	0.880	0.034	0.001	0.002	0.881	0.001	0.001	---	---	16
17	---	---	0B	0.748	0.011	0.001	0.001	0.881	0.001	0.001	---	---	17
18	---	---	0B	0.671	0.007	0.001	0	0.001	0.001	0.001	---	---	18
19	---	---	0B	0.442	0.008	0.001	0	0.881	0.001	0.001	---	---	19
20	---	0B	0B	0.380	0.008	0.001	0	0.881	0.001	0.001	---	---	20
21	---	0B	0B	0.270	0.004	0.001	0	0.881	0.001	0.001	---	---	21
22	---	0B	0B	0.207	0.003	0.001	0	0.881	0.001	0.001	---	---	22
23	---	0B	0B	0.181	0.003	0.001	0	0.881	0.001	0.001	---	---	23
24	---	0B	0B	0.118	0.003	0.001	0	0.881	0.001	0.001	---	---	24
25	---	0B	0B	0.101	0.003	0.001	0	0.881	0.001	0.001	---	---	25
26	---	0B	0B	0.043	0.002	0.001	0	0.881	0.001	0.001	---	---	26
27	---	0B	0B	0.035	0.002	0.001	0	0.001	0.001	0.001	---	---	27
28	---	0B	0B	0.028	0.001	0.001	0	0.881	0.001	0.001	---	---	28
29	---		0B	0.018	0.001	0.001	0	0.881	0.001	0.001	---	---	29
30	---		0B	0.015	0.002	0.001	0	0.881	0.001	0.001A	---	---	30
31	---		0B		0.001		0	0.881		0.001E		---	31
TOTAL	---	---	0	90.885	0.348	0.030	0.017	0.034	0.030	0.031	---	---	TOTAL
MEAN	---	---	0	3.03	0.011	0.001	0.001	0.001	0.001	0.001	---	---	MEAN
MAX	---	---	0	13.4	0.133	0.001	0.002	0.003	0.001	0.001	---	---	MAX
MIN	---	---	0	0	0.001	0.001	0	0	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.373
MAXIMUM DAILY, 18.4 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
18.2 AT 18:00 MST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 37 41 N
LONG 117 18 29 W
DRAINAGE AREA, 837 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.47
FEB	---	AUG	2.84
MAR	0	SEP	2.58
APR	7 850	OCT	2.66
MAY	30.0	NOV	---
JUN	2.58	DEC	---

TOTAL DISCHARGE, 7 890 dam³

PEERLESS LAKE NEAR PEERLESS LAKE - STATION NO. 07JB001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	25.178	---	25.186	25.183A	25.241	25.288	25.243	25.187	25.183A	---	1
2	---	---	25.180	---	25.187	25.193A	25.238	25.287	25.242	25.187	25.183A	---	2
3	---	---	25.180	---	25.184	25.208A	25.249A	25.258	25.241	25.188	25.183A	---	3
4	---	---	25.183	---	25.187	25.218	25.251	25.267	25.238	25.183	---	---	4
5	---	---	25.184	---	25.186	25.211	25.247	25.251	25.241	25.187	---	---	5
6	---	---	25.187	---	25.187	25.218	25.245	25.258	25.248	25.185	---	---	6
7	---	---	25.181A	---	25.187	25.222	25.248	25.267	25.225	25.185	---	---	7
8	---	---	---	---	25.185	25.226	25.250	25.250	25.223	25.184	---	---	8
9	---	---	---	---	25.188	25.228	25.244	25.242	25.222	25.184	---	---	9
10	---	---	---	---	25.170	25.231	25.242	25.256	25.218	25.187A	---	---	10
11	---	---	---	---	25.171	25.232	25.239	25.272	25.216	25.170A	---	---	11
12	---	---	---	---	25.186	25.231	25.236	25.270	25.215	25.187A	---	---	12
13	---	---	---	---	25.188	---	25.232	25.266	25.215	25.172A	---	---	13
14	---	---	---	---	25.172	---	25.229A	25.267	25.202	25.184	---	---	14
15	---	---	---	---	25.182	---	25.226A	25.267	25.212	25.180A	---	---	15
16	---	---	---	25.163A	25.188	---	25.233A	25.267	25.215	25.189A	---	---	16
17	---	---	---	25.164	25.188	---	25.236A	25.268	25.213	25.188E	---	---	17
18	---	---	---	25.168	25.170	---	25.229	25.264	25.209	25.187E	---	---	18
19	---	---	---	25.168	25.188	---	25.227	25.263	25.203	25.188E	---	---	19
20	---	---	---	25.183	25.186	---	25.229A	25.262	25.202	25.186A	---	---	20
21	---	---	---	25.184	25.187	---	25.233	25.268	25.203	25.184A	---	---	21
22	---	---	---	25.187	25.186	---	25.232	25.268	25.188	25.178	---	---	22
23	---	---	---	25.188	25.188	---	25.234	25.265	25.192	25.177A	---	---	23
24	---	25.176A	25.178A	25.180	25.187	25.260A	25.227	25.263	25.180	25.187A	---	---	24
25	---	25.176	---	25.181	25.187	25.268A	25.229	25.262	25.180	25.187A	---	---	25
26	---	25.173	---	25.183	25.187	25.293A	25.223	25.267	25.188	25.182A	---	---	26
27	---	25.176	---	25.183	25.186	25.244	25.232	25.268	25.185	25.182A	---	---	27
28	---	25.177	---	25.187	25.187	25.242	25.228	25.251	25.181	25.183A	---	---	28
29	---		---	25.187	25.170	25.241	25.227	25.249	25.175	25.187A	---	---	29
30	---		---	25.186	25.171	25.240	25.227	25.244	25.178	25.181A	---	---	30
31	---		---		25.176		25.244	25.248		25.181A		---	31
MEAN	---	---	---	---	25.186	---	25.234	25.264	25.211	25.185	---	---	MEAN
MAX	---	---	---	---	25.176	---	25.251	25.272	25.248	25.184	---	---	MAX
MIN	---	---	---	---	25.182	---	25.232	25.242	25.175	25.148	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 36 10 N
LONG 114 36 06 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PEIGAN CREEK NEAR PAKOWKI ROAD - STATION NO. 05AH041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0505	0.1208	3.81	0.061	0	0	0	0	0	0	---	1
2	---	0.1505	0.0605	2.70	0.056	0	0	0	0	0	0	---	2
3	---	0.0705	0.1095	1.75	0.053	0	0	0	0	0	0	---	3
4	---	0.0505	1.46 B	1.35	0.049	0	0	0	0	0	0A	---	4
5	---	0.0305	15.5 B	1.13	0.044	0	0	0	0	0	---	---	5
6	---	0.0305	12.2	0.937	0.042	0	0	0	0	0	---	---	6
7	---	0.0305	6.12	0.777	0.035	0	0	0	0	0	---	---	7
8	---	0.3005	3.03 B	0.636	0.031	0	0	0	0	0	---	---	8
9	---	0.5005	2.05 B	0.531	0.026	0	0	0	0	0	---	---	9
10	---	0.7005	1.30 B	0.457	0.023	0	0	0	0	0	---	---	10
11	---	0.8658	0.9008	0.410	0.021	0	0	0	0	0	---	---	11
12	---	1.04 B	0.7008	0.381	0.017	0	0	0	0	0	---	---	12
13	---	1.21 B	0.5008	0.370	0.016	0	0	0	0	0	---	---	13
14	---	0.8068	0.7008	0.339	0.015	0	0	0	0	0	---	---	14
15	---	0.7148	0.9008	0.288	0.013	0	0	0	0	0	---	---	15
16	---	0.7278	1.40 B	0.241	0.011	0	0	0	0	0	---	---	16
17	---	0.5058	1.20 B	0.204	0.009	0	0	0	0	0	---	---	17
18	---	0.3508	1.00 B	0.211	0.008	0	0	0	0	0	---	---	18
19	---	0.5008	0.8008	0.306	0.003	0	0	0	0	0	---	---	19
20	---	0.4808	0.7008	0.408	0.001	0	0	0	0	0	---	---	20
21	---	0.4008	0.8008	0.388	0.001	0	0	0	0	0	---	---	21
22	---	0.3508	0.8508	0.383	0	0	0	0	0	0	---	---	22
23	---	0.3008	0.5508	0.331	0	0	0	0	0	0	---	---	23
24	---	0.2508	0.4738	0.284	0	0	0	0	0	0	---	---	24
25	---	0.2208	0.4228	0.168	0.002	0	0	0	0	0	---	---	25
26	---	0.2008	0.6838	0.125	0.003	0	0	0	0	0	---	---	26
27	0B	0.1708	1.30 B	0.101	0.004	0	0	0	0	0	---	---	27
28	0B	0.1508	1.10 B	0.088	0.007	0	0	0	0	0	---	---	28
29	0B		1.05 B	0.074	0.006	0	0	0	0	0	---	---	29
30	0B		0.8978	0.068	0.002	0	0	0	0	0	---	---	30
31	0B		1.77 B		0.001		0	0		0		---	31
TOTAL	---	10.919	81.764	18.205	0.582	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.390	1.89	0.640	0.018	0	0	0	0	0	---	---	MEAN
MAX	---	1.21	15.5	3.81	0.061	0	0	0	0	0	---	---	MAX
MIN	---	0.030	0.060	0.068	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.336
MAXIMUM DAILY, 15.50 ON MAR 5
MINIMUM DAILY, 0 ON MAY 22

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 50 N
LONG 110 59 30 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	843	AUG	0
MAR	6 340	SEP	0
APR	1 580	OCT	0
MAY	48.5	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 7 890 dam³

PEKISKO CREEK NEAR LONGVIEW - STATION NO. 05BL023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1808	0.8208	1.82	0.617	0.123	0.898	0.478	0.228	0.148	---	1
2	---	---	0.2128	0.788	2.00	0.372	0.123	0.647	0.447	0.224	0.147	---	2
3	---	---	0.8148	0.813	1.87	0.317	0.104	0.880	0.478	0.212	0.137A	---	3
4	---	---	0.7278	1.31	1.72	0.284	0.112	0.611	0.498	0.205	---	---	4
5	---	---	0.4888	1.30	1.88	0.258	0.211	0.571	0.469	0.213	---	---	5
6	---	---	0.4908	1.33	1.81	0.251	0.288	0.534	0.505	0.219	---	---	6
7	---	---	0.3968	1.30	1.47	0.220	0.183	0.483	0.530	0.221	---	---	7
8	---	---	0.2608	1.06	1.41	0.238	0.144	0.408	0.481	0.225	---	---	8
9	---	---	0.2778	0.888	1.40	0.231	0.184	0.438	0.420	0.238	---	---	9
10	---	---	0.3488	0.858	1.40	0.188	0.431	0.518	0.400	0.231	---	---	10
11	---	---	0.3608	0.882	1.33	0.183	0.408	0.838	0.381	0.226	---	---	11
12	---	---	0.4828	0.802	1.28	0.137	0.277	0.823	0.358	0.223	---	---	12
13	---	---	0.5718	0.735	1.44	0.114	0.188	0.888	0.336	0.218	---	---	13
14	---	---	0.4388	0.735	1.38	0.087	0.142	1.32	0.328	0.213	---	---	14
15	---	---	0.4108	0.787	1.33	0.108	0.114	2.02	0.313	0.240	---	---	15
16	---	---	0.3978	0.828	1.33	0.406	0.114	1.82	0.288	0.252	---	---	16
17	---	---	0.3368	0.888	1.18	0.814	0.178	1.73	0.288	0.267	---	---	17
18	---	0.1088	0.4368	1.08	1.11	0.403	0.484	1.63	0.281	0.281	---	---	18
19	---	0.1008	0.3838	0.978	1.08	0.318	4.84	1.38	0.288	0.240	---	---	19
20	---	0.1008	0.3808	1.00	1.02	0.261	3.88	1.28	0.288	0.172	---	---	20
21	---	0.0908	0.3368	1.08	0.888	0.188	2.85	1.10	0.332	0.158	---	---	21
22	---	0.0608	0.2608	1.18	0.834	0.135	2.41	1.01	0.198	0.184	---	---	22
23	---	0.0708	0.2208	1.17	0.880	0.114	2.21	0.918	0.198	0.187	---	---	23
24	---	0.0628	0.1888	1.15	0.788	0.108	1.84	0.888	0.198	0.151	---	---	24
25	---	0.0708	0.2438	1.10	0.734	0.099	1.72	0.818	0.203	0.188	---	---	25
26	---	0.0988	0.3038	1.08	0.685	0.083	1.58	0.810	0.270	0.183	---	---	26
27	---	0.0878	0.2518	1.09	0.634	0.082	1.33	0.718	0.372	0.186	---	---	27
28	---	0.1088	0.2388	1.18	0.606	0.096	1.10	0.684	0.330	0.181	---	---	28
29	---		0.4008	1.34	0.563	0.107	0.946	0.625	0.293	0.180	---	---	29
30	---		0.6868	1.81	0.532	0.108	0.881	0.586	0.258	0.144	---	---	30
31	---		0.4788		0.480		0.833	0.527		0.148	---	---	31
TOTAL	---	---	11.868	30.938	38.225	8.386	28.741	27.881	10.318	8.278	---	---	TOTAL
MEAN	---	---	0.383	1.03	1.17	0.213	0.959	0.902	0.344	0.202	---	---	MEAN
MAX	---	---	0.814	1.81	2.00	0.814	4.84	2.02	0.530	0.281	---	---	MAX
MIN	---	---	0.180	0.735	0.480	0.082	0.104	0.408	0.198	0.144	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.652
MAXIMUM DAILY, 4.84 ON JUL 19
MINIMUM DAILY, 0.082 ON JUN 27
MAXIMUM INSTANTANEOUS,
8.13 AT 12:00 MST ON JUL 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 26 N
LONG 114 12 20 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 570
FEB	---	AUG	2 420
MAR	1 030	SEP	882
APR	2 670	OCT	842
MAY	3 130	NOV	---
JUN	852	DEC	---

TOTAL DISCHARGE, 13 800 dam³

PEMBINA RIVER AT JARVIE - STATION NO. 07BC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.508	8.788	8.228	8.408	23.8	36.2	14.8	15.5	28.1	9.27	8.80	4.028	1
2	9.308	8.728	8.248	10.2 B	23.4	35.7	13.8	17.7	26.8	9.30	8.56	3.878	2
3	9.208	8.688	8.268	26.8 B	22.8	33.8	12.2	20.1	26.8	9.87	8.48	3.708	3
4	9.108	8.648	8.288	84.7 B	24.4	31.1	11.7	28.8	26.4	9.51	8.38	3.548	4
5	9.008	8.608	8.308	88.8 B	25.4	29.8	11.4	48.1	25.8	10.6	8.28	3.408	5
6	8.808	8.568	8.328	88.1 B	24.8	28.8	11.1	123	24.3	11.8	8.37	3.288	6
7	8.708	8.528	8.348	81.6 B	26.1	26.3	10.8	122	23.0	14.1	8.18	3.188	7
8	8.608	8.488	8.368	91.8 B	26.4	23.8	10.1	121	21.8	13.8	8.80	3.088	8
9	8.508	8.448	8.388	98.2 B	25.8	22.3	10.0	118	20.5	12.8	8.308	2.998	9
10	8.408	8.408	8.408	128 B	24.4	21.5	10.1	111	19.7	12.2	8.678	2.908	10
11	8.308	8.368	8.458	132 B	23.4	20.7	11.2	90.0	18.0	11.8	9.098	2.818	11
12	8.208	8.368	8.818	124 B	22.0	19.1	14.0	77.5	17.8	11.1	7.508	2.728	12
13	8.008	8.348	8.548	118 B	21.0	18.0	16.8	69.8	18.5	11.2	7.878	2.648	13
14	7.908	8.328	8.678	96.8 B	20.0	17.8	22.7	87.5	18.4	10.9	8.778	2.568	14
15	7.818	8.308	8.808	83.1	19.8	19.4	29.3	69.8	14.6	10.1	8.878	2.488	15
16	7.758	8.288	8.888	85.9	19.0	20.7	33.7	58.6	14.1	9.52	4.778	2.408	16
17	7.708	8.268	8.728	88.8	19.7	20.4	28.1	82.8	13.3	9.14	3.308	2.348	17
18	7.658	8.248	8.748	95.0	20.3	18.6	26.1	80.7	12.8	10.2	3.408	2.288	18
19	7.608	8.228	8.648	48.3	22.1	18.8	22.2	88.8	12.3	9.87	3.888	2.238	19
20	7.558	8.228	8.908	46.3	22.9	18.7	20.0	52.1	11.7	9.13	4.178	2.188	20
21	7.508	8.218	8.868	41.0	22.8	14.7	17.8	48.8	11.1	8.88	4.688	2.138	21
22	7.408	8.208	7.038	37.2	21.4	14.4	18.7	45.8	10.8	8.71	4.188	2.078	22
23	7.308	8.208	7.088	36.1	23.2	14.8	14.7	43.8	10.7	8.60	4.298	2.018	23
24	7.208	8.208	7.188	32.3	28.2	14.3	14.8	41.9	10.8	8.88	4.218	1.958	24
25	7.108	8.208	7.248	28.3	36.8	18.8	18.8	40.0	10.7	8.88	4.148	1.898	25
26	7.058	8.208	7.368	27.8	40.2	18.5	18.8	38.5	10.1	8.42	5.268	1.848	26
27	7.008	8.208	7.538	27.8	44.3	17.4	16.8	34.1	9.88	8.35	4.838	1.798	27
28	8.958	8.218	7.698	26.8	46.2	17.3	13.8	33.2	9.82	8.32	4.328	1.738	28
29	8.908		7.848	25.8	46.8	16.8	13.8	33.0	9.62	8.34	4.438	1.678	29
30	8.858		8.008	26.4	43.2	16.8	13.2	31.3	9.33	8.84	4.218	1.618	30
31	8.808		8.808		40.8		13.8	29.8		8.82		1.558	31
TOTAL	245.71	178.38	212.08	1 820.40	844.7	848.8	501.8	1 838.8	483.33	311.88	184.88	78.83	TOTAL
MEAN	7.83	8.37	8.84	80.7	27.2	21.8	16.2	58.8	16.4	10.1	8.16	2.84	MEAN
MAX	9.50	8.78	8.80	132	46.8	36.2	32.7	132	28.1	14.1	9.08	4.02	MAX
MIN	8.40	8.20	8.22	8.40	19.0	14.4	10.0	19.8	9.33	8.32	3.80	1.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.1
MAXIMUM DAILY, 1328 ON APR 11
MINIMUM DAILY, 1.558 ON DEC 31
MAXIMUM INSTANTANEOUS,
138 AT 20:08 MST ON AUG 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 27 05 N
LONG 113 59 30 W
DRAINAGE AREA, 13 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 200	JUL	43 300
FEB	18 400	AUG	158 000
MAR	18 300	SEP	42 800
APR	157 000	OCT	26 900
MAY	73 000	NOV	16 900
JUN	88 900	DEC	8 810

TOTAL DISCHARGE, 634 000 dam³

PEMBINA RIVER BELOW PADDY CREEK - STATION NO. 07BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.258	4.218	7.51	12.8	8.32	29.3	16.4	7.94	4.57	---	1
2	---	---	3.308	4.598	7.83	11.4	8.03	73.1	13.4	7.22	4.58	---	2
3	---	---	3.308	5.198	8.58	10.8	8.78	138	12.8	9.80	4.54A	---	3
4	---	---	3.258	5.358	8.68	9.43	8.87	88.8	12.3	8.80	---	---	4
5	---	---	3.258	5.848	8.28	8.58	7.88	78.4	12.1	8.38	---	---	5
6	---	---	3.158	12.6 B	7.82	8.08	10.8	87.3	11.3	8.27	---	---	6
7	---	---	3.088	14.5 B	7.40	8.28	13.8	71.3	10.5	8.17	---	---	7
8	---	---	2.958	15.0 B	7.08	8.87	14.2	57.8	9.88	8.08	---	---	8
9	---	---	2.858	14.5 B	8.88	8.52	15.5	50.1	9.53	8.80	---	---	9
10	---	---	2.808	14.5 B	8.47	9.38	26.8	47.1	9.27	8.80	---	---	10
11	---	---	2.808	14.5 B	8.48	10.2	34.0	53.2	9.02	5.78	---	---	11
12	---	---	2.858	14.5 B	8.33	10.3	28.8	51.8	8.72	8.80	---	---	12
13	---	---	2.908	14.2 B	8.87	9.48	23.7	47.7	8.40	8.58	---	---	13
14	---	---	3.008	14.0 B	7.18	8.58	19.8	45.8	7.98	8.50	---	---	14
15	---	---	3.108	13.7 B	7.47	7.72	15.4	40.4	7.72	8.38	---	---	15
16	---	---	3.258	11.2 B	7.33	7.82	13.2	35.6	7.87	8.38	---	---	16
17	---	---	3.358	9.388	6.87	8.41	12.2	32.0	7.58	5.17	---	---	17
18	---	---	3.358	8.118	6.72	10.2	11.8	30.2	8.05	5.07	---	---	18
19	---	---	3.258	8.778	8.84	12.0	14.0	28.0	7.78	5.07	---	---	19
20	---	---	3.108	8.838	11.5	10.8	14.6	27.6	7.47	4.97	---	---	20
21	---	---	3.008	9.328	14.8	8.38	13.6	25.3	7.28	4.70	---	---	21
22	---	---	2.958	8.78	16.6	8.20	12.0	23.1	7.08	4.88	---	---	22
23	---	---	2.858	8.46	23.3	8.18	11.8	21.8	6.77	4.428	---	---	23
24	---	---	3.008	8.21	25.3	8.71	10.8	20.0	6.54	4.248	---	---	24
25	---	---	3.228	8.00	25.5	7.78	10.1	20.8	6.40	4.488	---	---	25
26	---	3.098	3.518	7.90	23.4	7.03	11.1	19.8	6.42	4.628	---	---	26
27	---	3.098	3.628	7.87	19.8	6.58	11.8	17.8	6.53	4.708	---	---	27
28	---	3.158	3.638	7.41	16.5	6.72	11.8	16.2	6.87	4.618	---	---	28
29	---		3.588	7.41	15.1	6.53	10.3	15.7	7.02	4.148	---	---	29
30	---		3.548	7.37	14.5	6.42	12.5	15.8	6.80	4.82	---	---	30
31	---		3.908		13.8		32.7	16.0		4.70		---	31
TOTAL	---	---	98.70	303.90	352.38	288.57	442.96	1 325.5	253.87	188.75	---	---	TOTAL
MEAN	---	---	3.18	10.1	11.7	9.95	14.3	42.8	8.80	8.48	---	---	MEAN
MAX	---	---	3.90	15.0	25.5	12.9	34.0	138	14.4	7.94	---	---	MAX
MIN	---	---	2.80	4.21	6.33	6.42	8.78	15.7	6.40	4.24	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 138 ON AUG 3
MINIMUM DAILY, 2.808 ON MAR 10
MAXIMUM INSTANTANEOUS,
184 AT 03:17 MST ON AUG 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 47 N
LONG 115 18 30 W
DRAINAGE AREA, 2 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	36 300
FEB	---	AUG	115 000
MAR	8 530	SEP	22 800
APR	26 300	OCT	14 700
MAY	31 300	NOV	---
JUN	23 200	DEC	---

TOTAL DISCHARGE, 280 000 dam³

PEMBINA RIVER NEAR ENTWISTLE - STATION NO 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.938	3.878	3.348	18.78	10.7	21.0	7.39	27.8	20.5	7.98	5.85	3.708	1
2	5.068	4.008	3.048	17.18	11.7	18.5	8.80	38.8	19.5	10.0	5.58	3.558	2
3	5.718	3.858	3.208	21.08	12.8	17.7	8.74	103	16.3	11.6	5.38	3.408	3
4	5.868	3.848	2.938	20.38	13.4	18.1	8.38	137	17.5	10.9	5.30	3.308	4
5	5.448	3.858	3.328	18.88	14.3	16.7	8.18	114	16.8	10.1	5.30	3.208	5
6	4.478	4.168	3.308	24.38	13.7	13.9	7.81	112	16.0	9.22	5.19	3.108	6
7	4.508	4.218	3.208	22.38	13.1	13.5	8.10	113	16.3	8.72	4.818	3.008	7
8	4.738	4.488	3.108	21.88	12.4	12.8	13.2	88.0	14.2	8.40	4.508	2.908	8
9	4.988	4.598	3.008	22.98	11.4	12.7	16.3	58.7	13.3	8.34	3.638	2.808	9
10	4.818	4.478	2.858	30.28	10.7	12.9	18.8	58.2	12.4	8.12	2.908	2.708	10
11	4.618	4.828	2.858	29.88	10.0	14.0	25.7	55.8	11.8	7.80	3.898	2.808	11
12	4.188	4.488	3.008	33.98	9.82	16.1	32.7	60.0	11.2	7.54	4.258	2.558	12
13	4.118	4.418	3.508	26.78	10.4	16.1	30.7	57.6	10.7	7.25	5.148	2.458	13
14	3.798	4.288	3.528	29.48	11.5	14.5	25.5	52.9	10.4	7.07	4.598	2.408	14
15	3.508	4.858	3.568	25.38	12.0	12.8	22.2	50.5	9.83	7.04	1.408	2.368	15
16	3.938	4.948	3.348	22.68	12.0	11.1	18.5	45.6	9.27	6.87	3.028	2.288	16
17	5.378	4.938	2.888	24.28	11.8	9.86	16.9	41.3	8.94	6.75	3.348	2.208	17
18	5.808	4.778	3.108	22.0	11.2	8.18	15.2	36.2	8.63	6.45	3.388	2.108	18
19	5.558	4.788	3.048	19.7	11.8	10.3	14.8	38.0	8.93	6.27	3.148	2.058	19
20	5.538	5.138	3.308	17.7	13.5	14.0	14.2 A	34.8	9.28	6.18	3.518	3.008	20
21	5.188	4.958	3.448	19.8	18.0	15.3	15.8 E	33.4	8.73	5.18	3.838	1.958	21
22	4.888	4.648	4.028	14.8	26.2	13.7	16.7 A	31.1	8.47	5.03	4.518	1.908	22
23	5.028	5.078	3.848	14.1	29.8	12.3	15.8	28.0	8.16	5.62	5.338	1.858	23
24	4.888	4.688	4.078	13.1	33.0	11.3	14.2	28.5	7.88	5.47	5.018	1.808	24
25	4.728	3.978	4.378	12.4	33.8	10.9	14.1	24.8	7.50	5.50	4.808	1.808	25
26	4.888	3.338	4.438	11.8	33.1	10.1	14.2	24.1	7.58	5.12	5.138	1.758	26
27	4.578	3.308	4.718	11.4	30.5	9.13	13.5	23.8	7.48	4.78	4.858	1.708	27
28	4.108	3.888	4.908	11.3	27.1	8.33	14.0	22.3	7.28	5.40	4.588	1.858	28
29	4.078		5.508	10.7	25.3	7.80	14.4	21.1	7.37	5.88	4.108	1.808	29
30	3.738		5.848	10.5	23.3	7.58	15.7	20.8	7.74	5.27	3.908	1.858	30
31	3.908		13.1 B		22.1		18.1	20.1		5.83		1.988	31
TOTAL	148.80	122.28	132.80	591.0	560.12	388.49	462.87	1 808.5	341.31	223.92	130.33	73.71	TOTAL
MEAN	4.74	4.37	3.86	19.7	17.4	12.9	15.8	51.9	11.4	7.21	4.34	2.38	MEAN
MAX	5.88	5.13	13.1	33.8	33.8	21.0	32.7	137	20.5	11.8	5.98	3.70	MAX
MIN	3.50	3.30	2.82	10.5	9.82	7.80	8.18	20.1	7.28	4.78	1.40	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 137 ON AUG 4
MINIMUM DAILY, 1.408 ON NOV 16
MAXIMUM INSTANTANEOUS,
174 AT 21:08 MST ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 18 N
LONG 115 00 14 W
DRAINAGE AREA, 4 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 700	JUL	41 700
FEB	10 600	AUG	138 000
MAR	10 800	SEP	29 800
APR	51 100	OCT	19 300
MAY	46 700	NOV	11 300
JUN	33 600	DEC	6 370

TOTAL DISCHARGE, 412 000 dam³

PIGEON LAKE AT GRANDVIEW - STATION NO. 05PA013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	850.273	---	850.188	850.183	850.137	850.051	---	---	1
2	---	---	---	850.249	850.278	---	850.187	---	---	---	848.984	---	2
3	---	---	---	---	---	850.267	850.183	850.178	850.149	---	---	---	3
4	---	---	---	---	850.277	---	850.186	850.173	850.153	850.041	---	---	4
5	---	---	---	---	850.278	850.238	850.149	---	850.149	850.041	---	---	5
6	---	---	---	---	850.273	---	850.188	850.177	850.149	850.041	---	---	6
7	---	---	---	---	850.288	850.231	850.183	850.177	850.141	---	---	---	7
8	---	---	---	850.274	850.288	---	850.187	---	850.136	850.017	---	---	8
9	---	---	---	---	---	850.227	850.186	850.178	850.131	850.018	---	---	9
10	---	---	---	---	850.287	850.229	850.183	---	850.131	850.018	---	---	10
11	---	---	---	---	850.287	850.228	850.187	---	850.128	850.013	---	---	11
12	---	---	---	---	---	850.228	850.183	850.177	850.125	---	---	---	12
13	---	---	---	---	850.283	850.223	850.187	850.178	---	850.003	---	---	13
14	---	---	---	---	---	850.221	850.188	850.173	---	849.998	---	---	14
15	---	---	---	---	850.287	---	850.188	850.188	850.118	850.001	---	---	15
16	---	---	---	---	850.283	---	850.153	850.188	850.103	849.998	---	---	16
17	---	---	---	---	850.287	850.218	---	---	850.087	849.993	---	---	17
18	---	---	---	---	850.288	850.216	850.188	850.188	850.083	---	---	---	18
19	---	---	---	---	---	850.217	850.188	850.186	850.088	849.983	---	---	19
20	---	---	---	---	850.278	850.201	850.188	---	850.083	849.981	---	---	20
21	---	---	---	---	---	850.187	---	850.183	850.083	---	---	---	21
22	---	---	---	---	850.281	850.208	850.183	850.181	850.083	849.973	---	---	22
23	---	---	---	---	850.279	850.198	850.183	850.153	---	---	---	---	23
24	---	---	---	---	850.273	850.176	850.186	850.154	850.071	849.987	---	---	24
25	---	---	---	---	850.277	850.175	850.187	850.151	---	---	---	---	25
26	---	---	850.238	---	850.277	850.177	850.153	850.148	850.071	849.987	---	---	26
27	---	---	---	850.263	850.278	850.176	850.188	850.149	850.081	849.986	---	---	27
28	---	---	---	---	850.272	850.173	850.188	850.149	850.088	849.987	---	---	28
29	---		---	---	850.269	850.169	850.183	850.143	850.081	849.988	---	---	29
30	---		---	---	850.287	850.171	850.148	850.141	---	849.985	---	---	30
31	---		---		850.269		850.181	850.138		849.985		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 59 15 N
LONG 114 03 10 W

NATURAL FLOW

DRAINAGE AREA, 284 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PIGEON LAKE CREEK NEAR USONA - STATION NO. 05PA019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.6858	0.810	2.06	0.623	0.442	1.18	0.788	0.614	---	1
2	---	---	0.0018	0.6598	0.634	2.18	0.788	0.518	1.18	0.782	0.621A	---	2
3	---	---	0.0018	1.77 B	0.583	1.98	0.437	0.585	1.34	0.741	---	---	3
4	---	---	0.0158	3.82 B	0.584	1.60	0.223	0.558	1.41	0.785	---	---	4
5	---	---	0.0408	4.83 B	0.443	1.48	0.153	0.582	1.48	0.780	---	---	5
6	---	---	0.0808	3.73	0.232	1.53	0.141	0.518	1.48	0.774	---	---	6
7	---	---	0.0808	2.48	0.255	1.51	0.116	0.518	1.40	0.757	---	---	7
8	---	---	0.1008	1.87	0.288	1.43	0.108	0.518	1.38	0.757	---	---	8
9	---	---	0.0858	1.17	0.348	1.38	0.124	0.525	1.34	0.838	---	---	9
10	---	---	0.0808	0.843	0.473	1.24	0.141	0.601	1.29	0.772	---	---	10
11	---	---	0.0408	0.670	1.07	1.12	0.248	0.637	1.27	0.858	---	---	11
12	---	---	0.0208	0.508	0.842	1.02	0.367	0.782	1.23	0.573	---	---	12
13	---	---	0.0108	0.395	0.810	0.988	0.372	1.02	1.20	0.563	---	---	13
14	---	---	0.0018	0.305	0.897	0.954	0.361	1.21	1.18	0.587	---	---	14
15	---	---	0.0018	0.278	0.928	0.992	0.388	1.26	1.14	0.493	---	---	15
16	---	---	0.0018	0.261	1.41	1.03	0.347	1.26	1.11	0.479	---	---	16
17	---	---	0.0018	0.268	1.34	1.08	0.386	1.26	1.08	0.482	---	---	17
18	---	---	0.0018	0.323	1.26	0.980	0.311	1.28	1.05	0.545	---	---	18
19	---	---	0.0018	0.351	1.80	0.976	0.302	1.28	0.987	0.537	---	---	19
20	---	---	0.0018	0.382	1.87	0.970	0.288	1.22	0.940	0.454	---	---	20
21	---	---	0.0018	0.386	2.08	1.00	0.323	1.18	0.924	0.318	---	---	21
22	---	---	0.0018	0.348	2.35	1.08	0.408	1.08	0.887	0.147	---	---	22
23	---	0.0018	0.0018	0.340	2.50	1.07	0.394	1.03	0.872	0.088	---	---	23
24	---	0.0018	0.0018	0.338	2.32	1.03	0.358	0.982	0.851	0.082	---	---	24
25	---	0.0018	0.0018	0.303	2.21	0.982	0.344	0.988	0.847	0.054	---	---	25
26	---	0.0018	0.0058	0.208	2.14	0.831	0.359	0.880	0.842	0.024	---	---	26
27	---	0.0018	0.0158	0.178	2.00	0.854	0.345	0.883	0.846	0.043	---	---	27
28	---	0.0018	0.0408	0.287	1.83	0.880	0.348	1.02	0.856	0.033	---	---	28
29	---		0.0808	0.551	2.05	0.818	0.344	1.08	0.830	0.012	---	---	29
30	---		0.1208	0.801	2.05	0.847	0.384	1.11	0.811	0.044	---	---	30
31	---		0.1848		2.05		0.387	1.15		0.018		---	31
TOTAL	---	---	0.869	29.172	40.581	35.633	10.374	28.186	33.151	14.001	---	---	TOTAL
MEAN	---	---	0.031	0.972	1.31	1.19	0.335	0.909	1.11	0.452	---	---	MEAN
MAX	---	---	0.184	4.83	2.50	2.18	0.623	1.29	1.48	0.838	---	---	MAX
MIN	---	---	0.001	0.178	0.232	0.818	0.108	0.442	0.811	0.012	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.785
MAXIMUM DAILY, 4.838 ON APR 5
MINIMUM DAILY, 0.0018 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 10 N
LONG 113 53 47 W
DRAINAGE AREA, 377 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	885
FEB	---	AUG	2 430
MAR	63.7	SEP	2 880
APR	2 520	OCT	1 210
MAY	3 510	NOV	---
JUN	3 100	DEC	---

TOTAL DISCHARGE, 16 800 dam³

PINCHER CREEK AT PINCHER CREEK - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.240B	1.22	3.62	1.41	0.331	0.838	0.748	0.248	0.138	---	1
2	---	---	0.270B	1.40	3.20	1.29	0.302	0.827	0.884	0.240	0.168A	---	2
3	---	---	0.380B	2.24	2.80	1.13	0.247	0.788	0.831	0.234	---	---	3
4	---	---	1.18 B	3.76	2.18	1.05	0.222	0.726	0.828	0.224	---	---	4
5	---	---	1.00 B	4.70	2.04	1.03	0.381	0.847	0.888	0.227	---	---	5
6	---	---	0.840B	4.36	2.11	1.04	0.380	0.853	0.821	0.231	---	---	6
7	---	---	0.480B	3.34	2.21	1.08	0.321	0.803	0.840	0.221	---	---	7
8	---	---	0.420B	3.02	2.38	1.09	0.305	0.549	0.889	0.226	---	---	8
9	---	---	0.420B	2.37	2.83	1.08	0.310	0.545	0.529	0.244	---	---	9
10	---	---	0.483B	2.08	2.88	0.949	0.543	0.582	0.518	0.261	---	---	10
11	---	---	0.420B	2.23	2.45	0.883	0.525	1.05	0.488	0.220	---	---	11
12	---	---	0.480B	1.88	2.42	0.808	0.426	0.747	0.453	0.228	---	---	12
13	---	---	0.400B	1.89	2.48	0.718	0.384	0.880	0.438	0.215	---	---	13
14	---	---	0.380B	1.75	2.11	0.880	0.331	2.80	0.448	0.207	---	---	14
15	---	---	0.380B	1.85	3.00	0.888	0.282	2.85	0.390	0.283	---	---	15
16	---	---	0.320B	2.11	1.88	0.880	0.315	1.87	0.320	0.288	---	---	16
17	---	---	0.310B	2.70	1.83	0.832	0.511	1.58	0.318	0.284	---	---	17
18	---	---	0.300B	2.88	1.88	0.808	2.41	1.37	0.287	0.282	---	---	18
19	---	---	0.200B	2.31	1.83	0.888	8.87	1.24	0.283	0.222	---	---	19
20	---	---	0.200B	2.00	1.41	0.738	4.77	1.10	0.284	0.198	---	---	20
21	---	---	0.220B	1.88	1.33	0.881	3.41	0.888	0.284	0.198	---	---	21
22	---	---	0.240B	1.85	1.28	0.808	8.53	0.831	0.288	0.187	---	---	22
23	---	---	0.280B	1.88	1.13	0.471	8.41	0.888	0.288	0.177	---	---	23
24	---	0.278B	0.280B	1.88	1.05	0.448	5.32	1.47	0.282	0.178	---	---	24
25	---	0.280B	0.318B	1.81	1.07	0.391	3.80	1.87	0.281	0.187	---	---	25
26	---	0.240B	0.270B	1.75	1.18	0.354	2.88	1.33	0.328	0.198	---	---	26
27	---	0.210B	0.220B	1.77	1.88	0.380	2.07	1.17	0.447	0.224	---	---	27
28	---	0.210B	0.210B	2.18	1.82	0.381	1.71	1.08	0.388	0.208	---	---	28
29	---		0.300B	2.88	1.85	0.380	1.48	0.953	0.318	0.184	---	---	29
30	---		0.588B	3.58	1.70	0.302	1.28	0.900	0.284	0.140	---	---	30
31	---		0.892		1.58		1.10	0.815		0.138	---	---	31
TOTAL	---	---	12.418	71.48	81.14	22.281	82.388	33.828	12.923	8.750	---	---	TOTAL
MEAN	---	---	0.401	2.38	1.97	0.743	2.01	1.08	0.431	0.218	---	---	MEAN
MAX	---	---	1.18	4.70	3.62	1.41	8.41	2.80	0.748	0.288	---	---	MAX
MIN	---	---	0.200	1.22	1.08	0.302	0.222	0.548	0.251	0.138	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 8.41 ON JUL 23
MINIMUM DAILY, 0.138 ON OCT 31
MAXIMUM INSTANTANEOUS,
16.1 AT 20:08 MST ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 12 N
LONG 113 56 49 W
DRAINAGE AREA, 166 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 380
FEB	---	AUG	2 920
MAR	1 070	SEP	1 120
APR	5 170	OCT	583
MAY	5 280	NOV	---
JUN	1 930	DEC	---

TOTAL DISCHARGE, 24 500 dam³

PINE CREEK NEAR GRASSLAND - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0.028B	1.88	2.08	0.980	0.806	0.388	0.231	0.135	---	1
2	---	---	0.005B	0.044B	1.83	1.83	1.05	0.735	0.457	0.202	0.113	---	2
3	---	---	0.005B	0.183B	2.43	1.88	1.10	0.743	0.388	0.231	0.108A	---	3
4	---	---	0.005B	2.18 B	2.41	1.78	0.784	0.740	0.408	0.211	---	---	4
5	---	---	0.005B	11.2 B	1.84	1.81	0.773	0.804	0.431	0.192	---	---	5
6	---	---	0.005B	13.5 B	1.29	1.78	0.957	0.588	0.381	0.184	---	---	6
7	---	---	0.005B	13.3 B	1.23	1.73	0.877	0.857	0.374	0.184	---	---	7
8	---	---	0.005B	9.93 B	1.23	1.72	0.831	0.820	0.381	0.187	---	---	8
9	---	---	0.005B	7.31 B	1.08	1.78	0.821	0.425	0.373	0.125	---	---	9
10	---	---	0.005B	8.08 B	1.08	1.77	0.883	0.485	0.388	0.138	---	---	10
11	---	---	0.005B	7.18 B	1.08	1.82	0.803	0.459	0.418	0.187	---	---	11
12	---	---	0.005B	6.62 B	1.08	2.37	1.01	0.432	0.323	0.142	---	---	12
13	---	---	0.005B	6.27 B	1.00	3.23	1.07	0.492	0.288	0.118	---	---	13
14	---	---	0.005B	5.82	1.01	3.01	0.788	0.849	0.368	0.107	---	---	14
15	---	---	0.005B	5.01	1.04	1.81	0.718	0.893	0.344	0.071	---	---	15
16	---	---	0.005B	4.62	0.958	1.78	0.878	0.588	0.358	0.047	---	---	16
17	---	---	0.005B	4.38	0.884	1.73	0.898	0.522	0.298	0.141	---	---	17
18	---	---	0.005B	4.03	1.18	1.72	0.717	0.404	0.300	0.182	---	---	18
19	---	---	0.005B	3.81	1.15	1.85	0.743	0.494	0.281	0.120	---	---	19
20	---	---	0.007B	3.88	1.18	1.87	0.911	0.508	0.274	0.084	---	---	20
21	---	---	0.008B	3.61	1.88	1.48	0.847	0.817	0.318	0.075	---	---	21
22	---	---	0.008B		1.84	1.30	0.704	0.486	0.211	0.182	---	---	22
23	---	---	0.008B		1.86	1.28	0.843	0.529	0.188	0.148	---	---	23
24	---	---	0.008B		2.13	1.28	0.884	0.536	0.151	0.121	---	---	24
25	---	0.005B	0.007		2.12	1.11	0.881	0.553	0.188	0.208	---	---	25
26	---	0.005B	0.00[illegible]	4	1.95	1.28	0.827	0.486	0.221	0.148	---	---	26
27	---	0.005B	0.008B	2.68	1.81	1.18	0.881	0.523	0.171	0.118	---	---	27
28	---	0.005B	0.008B	2.84	1.73	1.11	0.858	0.457	0.188	0.088	---	---	28
29	---		0.008B	2.72	1.72	1.08	0.714	0.478	0.218	0.088	---	---	29
30	---		0.008B	2.57	1.85	1.10	0.873	0.380	0.214	0.125	---	---	30
31	---		0.01[illegible]		2.33		0.574	0.483		0.184	---	---	31
TOTAL	---	---	0.174	147.133	47.780	48.82	25.087	18.531	9.336	4.388	---	---	TOTAL
MEAN	---	---	0.008	4.80	1.54	1.63	0.808	0.833	0.308	0.140	---	---	MEAN
MAX	---	---	0.011	13.5	2.43	2.37	1.10	0.743	0.457	0.231	---	---	MAX
MIN	---	---	0.005	0.028	0.958	1.08	0.574	0.380	0.151	0.047	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 13.58 ON APR 6
MINIMUM DAILY, 0.0058 ON MAR 1
MAXIMUM INSTANTANEOUS,
14.48 AT 23:40 MST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 12 N
LONG 113 46 34 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 190
FEB	---	AUG	1 420
MAR	15.0	SEP	788
APR	13 700	OCT	378
MAY	4 130	NOV	---
JUN	4 230	DEC	---

TOTAL DISCHARGE, 25 800 dam³

PINTO CREEK NEAR GRANDE PRAIRIE - STATION NO. 07EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.108B	0.480B	2.87	0.950	0.240	48.5 A	1.56	0.428	---	---	1
2	---	---	0.087B	0.810B	2.76	0.817	0.231	71.8 A	1.52	0.418	---	---	2
3	---	---	0.080B	1.43 B	2.61	0.721	0.202	41.7	1.37	0.404	---	---	3
4	---	---	0.072B	1.82 B	2.27	0.674	0.185	24.5	1.36	0.412	---	---	4
5	---	---	0.072B	3.07 B	2.22	0.709	0.174	15.8	1.10	0.413	---	---	5
6	---	---	0.071B	4.13 B	1.98	0.848A	0.180	10.5	0.874	0.431	---	---	6
7	---	---	0.072B	5.46 B	1.83	1.48 E	0.178	8.81	0.878	0.382	---	---	7
8	---	---	0.074B	8.88 B	1.88	1.35 E	0.247	9.28	0.822	0.378	---	---	8
9	---	---	0.073B	8.18 B	1.58	1.25 E	0.502	6.87	0.743	0.372	---	---	9
10	---	---	0.070B	9.88 B	1.44	1.10 E	0.541	23.8	0.713	0.371	---	---	10
11	---	---	0.070B	10.4 B	1.41	0.980E	0.444	28.4	0.870	0.384	---	---	11
12	---	---	0.075B	9.82 B	1.28	0.800E	0.374	18.5	0.837	0.371	---	---	12
13	---	---	0.085B	8.40 B	1.25	0.700E	0.303	17.7	0.803	0.384	---	---	13
14	---	---	0.095B	10.8 B	1.08	0.580E	0.239	11.1	0.652	0.357	---	---	14
15	---	---	0.101B	10.8	1.05	0.480E	0.222	7.43	0.539	0.341	---	---	15
16	---	---	0.113B	9.88	0.980	0.410E	0.187	5.84	0.521	0.348	---	---	16
17	---	---	0.125B	8.66	0.868	0.340E	0.634	5.18	0.507	0.332	---	---	17
18	---	---	0.127B	8.78	1.03	0.312E	1.48	4.38	0.476	0.337	---	---	18
19	---	0.124B	0.121B	4.85	3.48	0.320E	0.788	3.87	0.488	0.346	---	---	19
20	---	0.127B	0.118B	4.30	4.80	0.340E	0.622	3.80	0.488	0.310	---	---	20
21	---	0.138B	0.117B	3.82	4.54	0.480E	0.438	7.88	0.480	0.340	---	---	21
22	---	0.139B	0.107B	3.30	3.97	0.700E	0.338	5.84	0.448	0.327	---	---	22
23	---	0.143B	0.088B	2.98	3.27	0.680E	0.280	4.01	0.431	0.300	---	---	23
24	---	0.144B	0.089B	2.87	2.52	0.580E	0.255	3.04	0.424	0.301	---	---	24
25	---	0.152B	0.120B	2.84	2.18	0.508A	0.236	2.49	0.420	0.333	---	---	25
26	---	0.184B	0.100B	2.48	1.89	0.439	0.210	2.18	0.428	0.320	---	---	26
27	---	0.155B	0.088B	2.41	1.59	0.380	0.189	1.85	0.462	0.320	---	---	27
28	---	0.132B	0.077B	2.84	1.35	0.341	0.178	1.80	0.487	0.300A	---	---	28
29	---	---	0.085B	2.80	1.27	0.291	0.176	1.41	0.480	0.300E	---	---	29
30	---	---	0.268B	2.86	1.27	0.260	0.161	1.28	0.441	0.300E	---	---	30
31	---		0.508B		1.12		0.487	1.35		0.284E	---	---	31
TOTAL	---	---	3.453	156.450	63.486	19.756	10.747	389.30	20.881	10.943	---	---	TOTAL
MEAN	---	---	0.111	5.22	2.05	0.659	0.347	12.6	0.695	0.353	---	---	MEAN
MAX	---	---	0.508	10.8	4.80	1.48	1.48	71.8	1.56	0.431	---	---	MAX
MIN	---	---	0.070	0.480	0.868	0.280	0.180	1.28	0.420	0.284	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.75
MAXIMUM DAILY, 71.8A ON AUG 2
MINIMUM DAILY, 0.070B ON MAR 10
MAXIMUM INSTANTANEOUS,
78.5 ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 50 35 N
LONG 119 23 22 W
DRAINAGE AREA, 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	929
FEB	---	AUG	33 800
MAR	298	SEP	1 800
APR	13 500	OCT	945
MAY	5 480	NOV	---
JUN	1 710	DEC	---

TOTAL DISCHARGE, 58 300 dam³

REMARKS - EXACT TIME OF PEAK FLOW WAS UNKNOWN DUE TO SEVERE ORIFICE MOVEMENT

PIPESTONE CREEK BELOW BIGSTONE CREEK - STATION NO. 05PA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008B	1.748	0.937	0.301	0.008	0.198	0.034	0.013	0.038	---	1
2	---	---	0.008B	3.808	0.845	0.288	0.008	0.228	0.048	0.013	0.038	---	2
3	---	---	0.008B	3.778	0.945	0.263	0.008	0.230	0.278	0.013	0.033A	---	3
4	---	---	0.008B	3.628	0.887	0.202	0.008	0.147	0.350	0.012	---	---	4
5	---	---	0.008B	3.488	0.808	0.158	0.008	0.222	0.239	0.012	---	---	5
6	---	---	0.008B	4.278	0.708	0.135	0.008	0.428	0.240	0.012	---	---	6
7	---	---	0.008B	5.488	0.648	0.112	0.008	0.257	0.230	0.011	---	---	7
8	---	---	0.008B	7.288	0.688	0.078	0.018	0.172	0.170	0.011	---	---	8
9	---	---	0.008B	8.538	0.630	0.041	0.021	0.008	0.136	0.010	---	---	9
10	---	---	0.008B	8.808	0.805	0.124	0.031	0.078	0.085	0.010	---	---	10
11	---	---	0.008B	8.808	0.682	0.228	0.010	0.123	0.075	0.009	---	---	11
12	---	---	0.008B	8.308	0.456	0.131	0.010	0.156	0.068	0.009	---	---	12
13	---	---	0.008B	8.108	0.488	0.141	0.010	0.162	0.080	0.008	---	---	13
14	---	---	0.008B	6.808	0.467	0.200	0.010	0.128	0.052	0.008	---	---	14
15	---	---	0.008B	6.888	0.438	0.178	0.010	0.116	0.045	0.015	---	---	15
16	---	---	0.008B	3.92	0.354	0.163	0.008	0.038	0.041	0.032	---	---	16
17	---	---	0.008B	3.48	0.327	0.180	0.008	0.028	0.037	0.068	---	---	17
18	---	---	0.008B	3.07	0.260	0.106	0.012	0.028	0.033	0.041	---	---	18
19	---	---	0.008B	2.88	0.512	0.088	0.015	0.030	0.028	0.020	---	---	19
20	---	---	0.008B	2.48	0.834	0.071	0.026	0.048	0.026	0.018	---	---	20
21	---	---	0.008B	2.28	0.688	0.068	0.070	0.058	0.023	0.014	---	---	21
22	---	---	0.008B	2.08	0.724	0.184	0.111	0.087	0.020	0.012	---	---	22
23	---	---	0.008B	1.88	0.858	0.178	0.071	0.043	0.017	0.008	---	---	23
24	---	---	0.008B	1.87	0.585	0.081	0.088	0.040	0.018	0.010	---	---	24
25	---	---	0.008B	1.88	0.483	0.043	0.060	0.040	0.018	0.008	---	---	25
26	---	0.008B	0.008B	1.48	0.440	0.030	0.084	0.043	0.014	0.008	---	---	26
27	---	0.008B	0.010B	1.27	0.388	0.020	0.084	0.058	0.014	0.012	---	---	27
28	---	0.008B	0.100B	1.27	0.359	0.015	0.077	0.048	0.014	0.028	---	---	28
29	---		0.500B	1.12	0.338	0.010	0.062	0.026	0.013	0.038	---	---	29
30	---		1.80 B	1.03	0.298	0.008	0.081	0.023	0.013	0.036	---	---	30
31	---		1.70 B		0.338		0.124	0.021		0.038			31
TOTAL	---	---	4.088	104.02	17.878	3.783	1.101	3.281	2.438	0.680	---	---	TOTAL
MEAN	---	---	0.131	3.47	0.687	0.125	0.038	0.108	0.081	0.018	---	---	MEAN
MAX	---	---	1.70	7.28	0.945	0.301	0.124	0.428	0.350	0.068	---	---	MAX
MIN	---	---	0.008	1.03	0.280	0.008	0.008	0.008	0.013	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.558
MAXIMUM DAILY, 7.288 ON APR 6
MINIMUM DAILY, 0.008B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 02 25 N
LONG 113 21 54 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	95.1
FEB	---	AUG	283
MAR	381	SEP	211
APR	8 900	OCT	48.4
MAY	1 630	NOV	---
JUN	335	DEC	---

TOTAL DISCHARGE, 11 800 dam³

PIPESTONE RIVER NEAR LAKE LOUISE - STATION NO. 05BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6348	1.01 B	0.6808	0.8488	13.0	11.0	12.9	12.1	5.47	2.82	1.76	0.9888	1
2	0.8288	1.06 B	0.6808	0.9148	13.3	9.12	13.9	9.89	6.06	2.86	1.72	0.9988	2
3	0.8368	1.01 B	0.8008	0.9978	9.26	8.81	14.8	9.12	6.21	2.83	1.72	1.06 B	3
4	0.8048	1.13 B	0.9448	1.06 B	7.87	12.1	16.8	9.20	6.20	2.78	1.71	1.03 B	4
5	0.8778	1.18 B	0.8568	1.17 B	8.23	15.0	18.8	9.22	4.78	2.82	1.68	0.9078	5
6	0.7748	1.17 B	0.8588	1.29 B	10.4	23.2	18.9	8.86	4.74	2.43	1.58	0.9248	6
7	0.8048	1.18 B	0.8878	1.38 B	14.0	19.3	13.1	8.28	4.33	2.40	1.84	0.7888	7
8	0.6248	1.13 B	0.9478	1.39 B	19.1	20.0	12.1	8.80	4.08	2.27	1.82	0.8278	8
9	0.8598	1.17 B	0.9128	1.36	21.9	21.9	11.2	8.82	4.08	2.15	1.86	0.8548	9
10	0.8938	1.20 B	0.9218	1.36	18.8	22.5	10.9	9.18	4.08	2.18	1.83	0.7448	10
11	0.8918	1.19 B	0.9488	1.37	15.0	18.4	9.40	8.25	3.98	2.14	1.87	0.8488	11
12	0.8728	1.20 B	0.9218	1.33	23.9	16.2	8.88	7.13	4.01	2.10	1.87	0.8918	12
13	0.8848	1.11 B	0.9188	1.36	16.3	21.8	9.14	7.48	4.20	2.08	1.44 B	0.7708	13
14	0.8548	1.16 B	0.9228	1.38	13.8	21.8	10.2	8.86	4.17	2.01	1.11 B	0.8388	14
15	0.7988	1.11 B	0.8708	1.40	12.1	21.7	10.4	8.85	4.88	1.98	0.8398	1.15 B	15
16	0.9058	1.08 B	0.8228	1.40	11.7	24.6	8.95	8.43	3.88	1.83	0.4208	1.08 B	16
17	0.9348	1.08 B	0.9218	1.32	11.3	20.6	7.75	8.88	3.82	1.86	0.3838	1.07 B	17
18	0.9508	1.08 B	0.8428	1.44	12.0	18.7	7.21	8.88	3.28	1.88	0.7008	0.9838	18
19	0.9148	1.08 B	0.9058	1.36	11.1	16.0	7.36	5.28	3.11A	1.87	0.8908	0.9758	19
20	0.9208	1.13 B	0.8878	1.42	8.82	16.8	7.81	7.87	2.88E	1.98	0.8508	0.8858	20
21	0.8888	0.9808	0.8828	1.48	8.37	16.8	7.17	8.48	2.88A	1.89	0.9358	1.03 B	21
22	0.8638	0.9348	0.8588	1.48	7.48	15.6	7.86	5.77	2.83A	1.85	0.9208	0.8628	22
23	0.9188	0.9188	0.8838	1.51	8.88	12.3	8.71	5.48	2.88A	1.82	0.8858	0.8938	23
24	0.9248	0.8608	0.9078	1.81	8.88	10.1	8.84	5.48	2.78A	1.80	0.9208	0.8528	24
25	0.9188	0.8508	0.9268	1.71	7.17	9.28	9.20	5.24	2.88A	1.77	0.9058	0.8408	25
26	0.9158	0.8408	0.9368	1.82	8.18	10.7	10.4	5.01	3.81	1.73	0.8808	0.8368	26
27	0.9178	0.8508	0.8808	2.10	12.3	12.3	9.90	5.03	3.29	1.71	0.8708	0.8158	27
28	0.9138	0.8808	0.8708	3.08	16.0	13.4	10.2	5.14	2.84	1.72	0.8808	0.7888	28
29	0.9008		0.8508	4.78	14.8	12.1	10.2	5.33	2.77	1.71	0.7208	0.7688	29
30	0.9468		0.8408	7.43	13.5	12.5	10.3	4.82	2.88	1.75	0.8388	0.7778	30
31	0.9838		0.8808		13.2		11.7	4.82		1.73		0.7288	31
TOTAL	27.822	29.482	27.978	82.427	387.94	487.41	331.35	218.86	116.71	64.07	38.282	27.232	TOTAL
MEAN	0.891	1.05	0.903	1.75	12.5	16.2	10.7	7.06	3.89	2.07	1.18	0.878	MEAN
MAX	0.963	1.20	0.967	7.43	23.9	24.6	16.8	12.1	6.21	2.78	1.76	1.15	MAX
MIN	0.774	0.840	0.828	0.848	8.88	8.81	7.17	4.82	2.88	1.71	0.383	0.884	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.85
MAXIMUM DAILY, 24.6 ON JUN 16
MINIMUM DAILY, 0.3838 ON NOV 17
MAXIMUM INSTANTANEOUS,
29.9 AT 19:45 MST ON JUN 16

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 02 N
LONG 116 10 30 W
DRAINAGE AREA, 308 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 390	JUL	28 800
FEB	2 550	AUG	18 900
MAR	2 420	SEP	10 100
APR	4 530	OCT	5 540
MAY	33 500	NOV	3 080
JUN	42 100	DEC	2 350

TOTAL DISCHARGE, 155 000 dam³

PIYAMI DRAIN NEAR PICTURE BUTTE - STATION NO. 05AD037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	0	0.951	0.619	0.587	0.488	0.775	0	---	1
3	---	---	---	---	0	0.787	0.592	0.590	0.488	0.678	0A	---	2
4	---	---	---	---	0	0.900	0.711	0.562	0.484	0.638	---	---	3
5	---	---	---	---	0	0.847	0.788	0.578	0.500	0.714	---	---	4
					0	0.880	1.11	0.488	0.428	0.978	---	---	5
6	---	---	---	---									
7	---	---	---	---	0	0.988	1.13	0.435	0.488	0.858	---	---	6
8	---	---	---	---	0	0.888	0.772	0.448	0.573	0.815	---	---	7
9	---	---	---	---	0	1.08	0.881	0.483	0.615	0.874	---	---	8
10	---	---	---	---	0	0.927	0.583	0.503	0.484	0.892	---	---	9
					0	0.439	0.781	0.888	0.487	0.487	---	---	10
11	---	---	---	---									
12	---	---	---	---	0	0.348	0.787	0.708	0.487	0.280	---	---	11
13	---	---	---	---	0.008	0.338	0.780	0.718	0.312	0.187	---	---	12
14	---	---	---	---	0.077	0.471	0.772	0.821	0.317	0.027	---	---	13
15	---	---	---	---	0.118	0.847	0.827	0.738	0.385	0.018	---	---	14
					0.388	0.582	0.710	0.828	0.340	0.012	---	---	15
16	---	---	---	---									
17	---	---	---	---	0.388	0.888	0.883	0.872	0.303	0.008	---	---	16
18	---	---	---	---	0.288	0.648	0.801	0.822	0.408	0.018	---	---	17
19	---	---	---	---	0.385	0.804	1.26	0.848	0.388	0.005	---	---	18
20	---	---	---	---	0.431	1.08	1.77	0.837	0.400	0.002	---	---	19
					0.620	1.08	1.48	0.694	0.414	0.001	---	---	20
21	---	---	---	---									
22	---	---	---	---	0.587	1.14	0.738	0.348	0.403	0	---	---	21
23	---	---	---	---	0A	0.702	0.841	1.18	0.418	0	---	---	22
24	---	---	---	---	0	0.808	0.878	0.748	0.422	0	---	---	23
25	---	---	---	---	0	0.880	0.721	0.572	0.488	0	---	---	24
					0	0.721	0.848	0.908	0.471	0	---	---	25
26	---	---	---	---									
27	---	---	---	---	0	0.448	0.800	0.521	0.478	0.481	0	---	26
28	---	---	---	---	0	0.787	0.708	0.477	0.501	0.884	0	---	27
29	---	---	---	---	0	0.813	0.838	0.384	0.504	0.820	0	---	28
30	---	---	---	---	0	0.438	0.957	0.422	0.483	0.448	0	---	29
31	---	---	---	---	0	0.744	0.721	0.485	0.488	0.877	0	---	30
						0.903		0.518	0.428		0	---	31
TOTAL	---	---	---	---	---	10.808	22.911	24.271	17.488	13.281	8.278	---	TOTAL
MEAN	---	---	---	---	---	0.348	0.784	0.783	0.583	0.442	0.287	---	MEAN
MAX	---	---	---	---	---	0.903	1.14	1.77	0.922	0.884	0.878	---	MAX
MIN	---	---	---	---	---	0	0.338	0.384	0.348	0.303	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.527
MAXIMUM DAILY, 1.77 ON JUL 19
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG 112 45 43 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 100
FEB	---	AUG	1 610
MAR	---	SEP	1 150
APR	---	OCT	715
MAY	934	NOV	---
JUN	1 880	DEC	---

TOTAL DISCHARGE, 8 390 dam³

POINTE-AUX-PINS CREEK NEAR ARDROSSAN - STATION NO. 05EB902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.5898	0.140	0.124	0.001	0	0.031	0.001	---	---	1
2	---	---	---	1.41 B	0.125	0.107	0	0	0.230	0.001	---	---	2
3	---	---	---	2.05 B	0.122	0.094	0	0	0.921	0.001	---	---	3
4	---	---	---	2.90 B	0.118	0.176	0	0	0.807	0.001	---	---	4
5	---	---	---	2.73	0.124	0.118	0	0	0.483	0.001	---	---	5
6	---	---	---	1.83	0.122	0.088	0	0.004	0.282	0.001	---	---	6
7	---	---	---	1.80	0.122	0.088	0	0.001	0.171	0.001	---	---	7
8	---	---	---	1.88	0.123	0.080	0.003	0.008	0.087	0.001	---	---	8
9	---	---	---	2.13	0.120	0.041	0.008	0.022	0.046	0.001	---	---	9
10	---	---	---	2.20	0.141	0.044	0.008	0.015	0.018	0.001	---	---	10
11	---	---	---	1.95	0.143	0.038	0.008	0.011	0.001	0.001	---	---	11
12	---	---	---	1.84	0.134	0.024	0.048	0.012	0.001	0.001	---	---	12
13	---	---	---	1.38	0.132	0.018	0.024	0.010	0.001	0.001	---	---	13
14	---	---	---	1.12	0.121	0.018	0.008	0.008	0.001	0.001	---	---	14
15	---	---	---	0.841	0.141	0.014	0	0.001	0.001	0.001	---	---	15
16	---	---	---	0.820	0.184	0.018	0	0.001	0.001	0.001	---	---	16
17	---	---	---	0.618	0.114	0.008	0	0.005	0.001	0.001	---	---	17
18	---	---	---	0.457	0.113	0.008	0	0.012	0.001	0.001	---	---	18
19	---	---	---	0.387	0.180	0.010	0	0.006	0.001	0.001	---	---	19
20	---	---	---	0.343	0.201	0.015	0	0.010	0.001	0.001	---	---	20
21	---	---	---	0.301	0.389	0.029	0	0.022	0.001	0.001	---	---	21
22	---	---	---	0.265	0.439	0.029	0.010	0.021	0.001	0.001	---	---	22
23	---	---	---	0.217	0.378	0.028	0.018	0.013	0.001	0.001	---	---	23
24	---	---	---	0.178	0.305	0.025	0.008	0.007	0.001	0.001	---	---	24
25	---	---	---	0.147	0.266	0.018	0	0.008	0.001	0.001	---	---	25
26	---	---	---	0.132	0.233	0.007	0	0.008	0.001	0.001	---	---	26
27	---	---	---	0.116	0.180	0.004	0	0.013	0.001	0.001	---	---	27
28	---	---	---	0.113	0.203	0.005	0	0.017	0.001	0.001	---	---	28
29	---		---	0.108	0.206	0.004	0	0.022	0.001	0.001	---	---	29
30	---		---	0.123	0.182	0.002	0	0.026	0.001	0.001	---	---	30
31	---		0.1348		0.140		0	0.029		0.001		---	31
TOTAL	---	---	---	30.039	5.581	1.220	0.361	0.308	2.912	0.031	---	---	TOTAL
MEAN	---	---	---	1.00	0.180	0.041	0.012	0.010	0.097	0.001	---	---	MEAN
MAX	---	---	---	2.90	0.439	0.176	0.098	0.029	0.921	0.001	---	---	MAX
MIN	---	---	---	0.108	0.113	0.002	0	0	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.908 ON APR 4
MINIMUM DAILY, 0 ON JUL 2
MAXIMUM INSTANTANEOUS,
3.48 AT 11:15 MST ON APR 5

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 58 N
LONG 113 09 49 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31.2
FEB	---	AUG	26.6
MAR	---	SEP	252
APR	2 500	OCT	2.66
MAY	482	NOV	---
JUN	105	DEC	---

POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN - STATION NO. 05EB903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0488	0.022	0.023	0	0	0	0	---	---	1
2	---	---	---	0.1108	0.022	0.020	0	0	0	0	---	---	2
3	---	---	---	0.1358	0.027	0.023	0	0	0.071	0	---	---	3
4	---	---	---	0.467	0.025	0.264	0	0	0.088	0	---	---	4
5	---	---	---	0.764	0.035	0.067	0	0	0.039	0	---	---	5
6	---	---	---	0.800	0.022	0.030	0	0.001	0.027	0	---	---	6
7	---	---	---	0.417	0.017	0.018	0	0.001	0.017	0	---	---	7
8	---	---	---	0.337	0.015	0.010	0	0	0.011	0	---	---	8
9	---	---	---	0.481	0.015	0.001	0	0	0.007	0	---	---	9
10	---	---	---	0.445	0.015	0.005	0	0	0.004	0	---	---	10
11	---	---	---	0.381	0.014	0.005	0	0	0.002	0	---	---	11
12	---	---	---	0.315	0.014	0	0	0	0	0	---	---	12
13	---	---	---	0.248	0.013	0	0	0	0	0	---	---	13
14	---	---	---	0.188	0.011	0	0	0	0	0	---	---	14
15	---	---	---	0.147	0.007	0	0	0	0	0	---	---	15
16	---	---	---	0.127	0.001	0	0	0	0	0	---	---	16
17	---	---	---	0.122	0	0	0	0	0	0	---	---	17
18	---	---	---	0.108	0	0	0	0	0	0	---	---	18
19	---	---	---	0.088	0.010	0	0	0	0	0	---	---	19
20	---	---	---	0.074	0.050	0	0	0	0	0	---	---	20
21	---	---	---	0.060	0.083	0	0	0	0	0	---	---	21
22	---	---	---	0.049	0.091	0	0	0	0	0	---	---	22
23	---	---	---	0.044	0.088	0	0	0	0	0	---	---	23
24	---	---	---	0.041	0.073	0	0	0	0	0	---	---	24
25	---	---	---	0.038	0.073	0	0	0	0	0	---	---	25
26	---	---	---	0.035	0.068	0	0	0	0	0	---	---	26
27	---	---	---	0.031	0.043	0	0	0	0	0	---	---	27
28	---	---	---	0.028	0.043	0	0	0	0	0	---	---	28
29	---		---	0.026	0.038	0	0	0	0	0	---	---	29
30	---		0.0058	0.023	0.032	0	0	0	0	0	---	---	30
31	---		0.0738		0.026		0	0		0		---	31
TOTAL	---	---	---	5.821	0.979	0.487	0	0.002	0.248	0	---	---	TOTAL
MEAN	---	---	---	0.187	0.032	0.016	0	0	0.008	0	---	---	MEAN
MAX	---	---	---	0.764	0.091	0.264	0	0.001	0.071	0	---	---	MAX
MIN	---	---	---	0.023	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.764 ON APR 5
MINIMUM DAILY, 0 ON MAY 17
MAXIMUM INSTANTANEOUS,
0.891 AT 01:40 MST ON APR 5

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 43 N
LONG 113 08 48 W
DRAINAGE AREA, 17.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.17
MAR	---	SEP	21.3
APR	512	OCT	0
MAY	84.8	NOV	---
JUN	42.1	DEC	---

POINTE-AUX-PINS TRIBUTARY NO. 2 NEAR ARDROSSAN - STATION NO. 05EB910

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0548	0.003	0.001	0	0	0	0	---	---	1
2	---	---	---	0.3138	0.003	0.001	0	0	0.001	0	---	---	2
3	---	---	---	0.6658	0.003	0.001	0	0	0.012	0	---	---	3
4	---	---	---	0.753	0.003	0.001	0	0	0.006	0	---	---	4
5	---	---	---	0.389	0.003	0	0	0	0.002	0	---	---	5
6	---	---	---	0.102	0.003	0	0	0	0	0	---	---	6
7	---	---	---	0.074	0.002	0	0	0	0	0	---	---	7
8	---	---	---	0.077	0.002	0	0	0	0	0	---	---	8
9	---	---	---	0.186	0.002	0	0.001	0	0	0	---	---	9
10	---	---	---	0.071	0.002	0	0.004	0	0	0	---	---	10
11	---	---	---	0.040	0.002	0	0	0	0	0	---	---	11
12	---	---	---	0.026	0.002	0	0	0	0	0	---	---	12
13	---	---	---	0.022	0.001	0	0	0	0	0	---	---	13
14	---	---	---	0.017	0.001	0	0	0	0	0	---	---	14
15	---	---	---	0.014	0.001	0	0	0	0	0	---	---	15
16	---	---	---	0.008	0.001	0	0	0	0	0	---	---	16
17	---	---	---	0.005	0.002	0	0	0	0	0	---	---	17
18	---	---	---	0.006	0.002	0	0	0	0	0	---	---	18
19	---	---	---	0.006	0.008	0	0	0	0	0	---	---	19
20	---	---	---	0.007	0.020	0	0	0	0	0	---	---	20
21	---	---	---	0.007	0.042	0	0	0	0	0	---	---	21
22	---	---	---	0.005	0.081	0	0	0	0	0	---	---	22
23	---	---	---	0.005	0.032	0	0	0	0	0	---	---	23
24	---	---	---	0.004	0.014	0	0	0	0	0	---	---	24
25	---	---	---	0.004	0.008	0	0	0	0	0	---	---	25
26	---	---	---	0.003	0.008	0	0	0	0	0	---	---	26
27	---	---	---	0.003	0.004	0	0	0	0	0	---	---	27
28	---	---	---	0.003	0.002	0	0	0	0	0	---	---	28
29	---		---	0.003	0.002	0	0	0	0	0	---	---	29
30	---		0.0078	0.003	0.001	0	0	0	0	0	---	---	30
31	---		0.0148		0.001		0	0		0		---	31
TOTAL	---	---	---	3.824	0.237	0.004	0.005	0	0.020	0	---	---	TOTAL
MEAN	---	---	---	0.084	0.008	0	0	0	0.001	0	---	---	MEAN
MAX	---	---	---	0.753	0.081	0.001	0.004	0	0.012	0	---	---	MAX
MIN	---	---	---	0.003	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.753 ON APR 4
MINIMUM DAILY, 0 ON JUN 5
MAXIMUM INSTANTANEOUS,
1.280 AT 23:00 MST ON APR 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 48 N
LONG 113 08 49 W
DRAINAGE AREA, 8.34 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.43
FEB	---	AUG	0
MAR	---	SEP	1.73
APR	244	OCT	0
MAY	20.5	NOV	---
JUN	0.35	DEC	---

POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN - STATION NO. 05EB911

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0188	0.002	0.003	0	0	0	0	---	---	1
2	---	---	---	0.1458	0.002	0.004	0	0	0.006	0	---	---	2
3	---	---	---	0.1748	0.002	0.0052	0	0	0.022	0	---	---	3
4	---	---	---	0.1118	0.001	0.0192	0	0	0.015	0	---	---	4
5	---	---	---	0.0628	0.001	0.0072	0	0	0.011	0	---	---	5
6	---	---	---	0.0278	0.001	0.001	0	0	0.008	0	---	---	6
7	---	---	---	0.0128	0.001	0.001	0	0	0	0	---	---	7
8	---	---	---	0.018	0.001	0.001	0.001	0	0	0	---	---	8
9	---	---	---	0.030	0.001	0.001	0.008	0	0	0	---	---	9
10	---	---	---	0.019	0.001	0.002	0.004	0	0	0	---	---	10
11	---	---	---	0.020	0.001	0.002	0.001	0	0	0	---	---	11
12	---	---	---	0.022	0.001	0.001	0.001	0	0	0	---	---	12
13	---	---	---	0.024	0.001	0.001	0.001	0	0	0	---	---	13
14	---	---	---	0.021	0.001	0.001	0	0	0	0	---	---	14
15	---	---	---	0.018	0.001	0.001	0	0	0	0	---	---	15
16	---	---	---	0.014	0.001	0.001	0	0	0	0	---	---	16
17	---	---	---	0.017	0.001	0	0	0	0	0	---	---	17
18	---	---	---	0.018	0.001	0	0	0	0	0	---	---	18
19	---	---	---	0.015	0.004	0	0	0	0	0	---	---	19
20	---	---	---	0.013	0.005	0	0	0	0	0	---	---	20
21	---	---	---	0.008	0.012	0	0	0	0	0	---	---	21
22	---	---	---	0.005	0.012	0	0	0	0	0	---	---	22
23	---	---	---	0.005	0.008	0	0	0	0	0	---	---	23
24	---	---	---	0.005	0.004	0	0	0	0	0	---	---	24
25	---	---	---	0.004	0.002	0	0	0	0	0	---	---	25
26	---	---	---	0.004	0.001	0	0	0	0	0	---	---	26
27	---	---	---	0.004	0.001	0	0	0	0	0	---	---	27
28	---	---	---	0.003	0.001	0	0	0	0	0	---	---	28
29	---		---	0.003	0.003	0	0	0	0	0	---	---	29
30	---		0.0028	0.002	0.002	0	0	0	0	0	---	---	30
31	---		0.0038		0.004		0	0		0		---	31
TOTAL	---	---	---	0.416	0.077	0.047	0.014	0	0.068	0	---	---	TOTAL
MEAN	---	---	---	0.037	0.002	0.002	0	0	0.002	0	---	---	MEAN
MAX	---	---	---	0.174	0.012	0.015	0.008	0	0.022	0	---	---	MAX
MIN	---	---	---	0.002	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.174B ON APR 3
MINIMUM DAILY, 0 ON JUN 17
MAXIMUM INSTANTANEOUS,
0.2158 AT 18:48 MST ON APR 2

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 44 N
LONG 113 08 47 W
DRAINAGE AREA, 3.56 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.21
FEB	---	AUG	0
MAR	---	SEP	5.10
APR	70.8	OCT	0
MAY	6.85	NOV	---
JUN	4.08	DEC	---

PONTON RIVER ABOVE BOYER RIVER - STATION NO. 07JF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5150	0.5600	85.0	21.3	14.4	13.4	9.88	7.42	---	---	1
2	---	---	0.5100	0.5800	136	23.5E	16.8	15.0	9.24	7.14	---	---	2
3	---	---	0.5050	0.5700	181	26.7	22.3	14.5 E	9.88	8.24	---	---	3
4	---	---	0.5000	0.5700	184	26.4	33.3	14.2 E	9.56	8.88	---	---	4
5	---	---	0.5000	0.5800	183	28.1	38.0	13.7	9.24	8.80	---	---	5
6	---	---	0.5000	0.5800	124	27.2	28.8	13.7	8.82	8.24	---	---	6
7	---	---	0.5000	0.5500	98.8	27.8	26.7	13.7	11.3 E	7.42	---	---	7
8	---	---	0.5050	0.5600	83.0	24.0	24.7	13.4	13.7	7.42	---	---	8
9	---	---	0.5100	0.5400	77.0	22.8	22.8	13.1	13.7	8.88	---	---	9
10	---	---	0.5150	0.5400	82.3	21.9	20.8	12.8	13.7	8.80	---	---	10
11	---	---	0.5200	0.5300	88.1	20.2	17.8	12.4	13.4	8.24E	---	---	11
12	---	---	0.5250	0.5300	93.4	19.2	16.5	11.8	9.80	8.08	---	---	12
13	---	---	0.5300	0.5500	91.8	17.2	16.3	11.8	11.2	8.24	---	---	13
14	---	---	0.5400	0.5900	90.8	16.8	15.3	11.2	10.5	8.88	---	---	14
15	---	---	0.5500	0.6000	87.3	14.7	17.8	10.5	10.5	7.14	---	---	15
16	---	---	0.5500	0.6035	66.4	14.0	18.5	10.2	10.8	8.88	---	---	16
17	---	---	0.5770	1.08 E	61.1	14.0	26.3	9.24	11.5	8.97E	---	---	17
18	---	---	0.5850	2.61 E	60.2	13.1	28.8	9.88	11.5	7.14	---	---	18
19	---	0.5230	0.5900	3.83 E	38.7	12.4	24.0	9.56	11.2	8.21E	---	---	19
20	---	0.5300	0.5950	3.32 E	34.6	11.8	20.8	8.82	11.1 E	4.94E	---	---	20
21	---	0.5400	0.6000	3.44 E	33.1	11.2	19.2	8.80	10.8	8.03E	---	---	21
22	---	0.5400	0.6000	7.82 E	30.2	11.2	18.8	8.30	10.2	8.78E	---	---	22
23	---	0.5400	0.6000	10.8	28.3	11.8	18.8	8.00	9.88	9.80	---	---	23
24	---	0.5400	0.6000	8.00	28.1	13.7	15.8	7.70	9.24	8.78E	---	---	24
25	---	0.5350	0.6000	8.80	34.0	16.8	15.0	7.42	8.82	9.84	---	---	25
26	---	0.5300	0.6000	12.1	34.0	20.6	14.4	7.42	8.82	8.08	---	---	26
27	---	0.5250	0.6000	14.2	33.0	24.3	13.7	7.42	8.80	8.80	---	---	27
28	---	0.5200	0.5950	22.8	21.9	31.8	13.7	7.14	8.00	4.82	---	---	28
29	---		0.5950	41.6	31.6E	15.3	13.7	7.42	7.70	9.84	---	---	29
30	---		0.5900	53.9	21.3	14.4	13.4	10.2	8.00	4.80	---	---	30
31	---		0.5800		21.3E		12.4	9.88		4.80	---	---	31
TOTAL	---	---	17.202	205.883	1 933.4	686.7	612.1	331.80	308.38	195.37	---	---	TOTAL
MEAN	---	---	0.555	6.86	62.4	16.8	16.7	10.7	10.3	6.30	---	---	MEAN
MAX	---	---	0.600	53.9	188	28.1	35.0	15.0	13.7	7.42	---	---	MAX
MIN	---	---	0.500	0.530	21.3	11.2	12.4	7.14	7.70	4.80	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 188 ON MAY 4
MINIMUM DAILY, 0.5000 ON MAR 4
MAXIMUM INSTANTANEOUS,
198 AT 23:30 MST ON MAY 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 27 53 N
LONG 118 15 23 W
DRAINAGE AREA, 2 440 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	52 800
FEB	---	AUG	38 700
MAR	1 480	SEP	28 800
APR	17 600	OCT	18 800
MAY	187 000	NOV	---
JUN	48 800	DEC	---

TOTAL DISCHARGE, 380 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

PONY CREEK NEAR CHARD - STATION NO. 07CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0178	0.0308	0.887	0.940	0.634	0.323	0.290	0.210	0.1238	---	1
2	---	---	0.0188	0.0358	0.878	0.888	0.640	0.288	0.288	0.210	0.1088	---	2
3	---	---	0.0188	0.0488	1.01	1.03	0.601	0.288	0.288	0.209	0.1028	---	3
4	---	---	0.0208	0.0818	1.02	1.21	0.612	0.286	0.291	0.207	0.0918	---	4
5	---	---	0.0288	0.0778	0.937	1.24	0.347	0.241	0.278	0.207	0.0828	---	5
6	---	---	0.0288	0.1348	0.884	1.34	0.313	0.334	0.282	0.203	---	---	6
7	---	---	0.0288	0.3008	0.796	1.82	0.288	0.208	0.268	0.198	---	---	7
8	---	---	0.0278	0.7008	0.751	1.87	0.292	0.188	0.241	0.205	---	---	8
9	---	---	0.0278	0.8408	0.883	1.43	0.388	0.172	0.247	0.205	---	---	9
10	---	---	0.0198	0.8908	0.886	1.32	0.390	0.288	0.288	0.204	---	---	10
11	---	---	0.0138	0.8668	0.726	1.37	0.338	1.11	0.313	0.208	---	---	11
12	---	---	0.0138	0.8258	0.738	1.30	0.295	1.31	0.285	0.208	---	---	12
13	---	---	0.0148	0.8348	0.726	0.870	0.276	1.16	0.278	0.210	---	---	13
14	---	---	0.0198	0.8318	0.700	0.821	0.288	0.887	0.276	0.210	---	---	14
15	---	---	0.0188	1.06 B	0.818	1.03	0.281	0.880	0.277	0.213	---	---	15
16	---	---	0.0158	1.23 B	0.884	0.836	0.263	0.831	0.288	0.208	---	---	16
17	---	---	0.0188	1.36 B	0.832	0.861	0.241	0.817	0.281	0.213	---	---	17
18	---	---	0.0178	1.43 B	0.828	0.476	0.233	0.836	0.267	0.215	---	---	18
19	---	---	0.0178	1.37 B	0.891	0.408	0.221	0.871	0.248	0.215	---	---	19
20	---	---	0.0178	1.22 B	1.19	0.338	0.213	0.782	0.242	0.204	---	---	20
21	---	---	0.0178	1.20 B	1.18	0.315	0.223	0.718	0.241	0.208	---	---	21
22	---	---	0.0188	1.14 B	1.06	0.328	0.201	0.827	0.235	0.207	---	---	22
23	---	---	0.0188	1.11 B	0.976	0.337	0.188	0.840	0.228	0.207	---	---	23
24	---	---	0.0208	1.06 B	0.812	0.336	0.186	0.488	0.221	0.2078	---	---	24
25	---	---	0.0218	1.13 B	0.848	0.348	0.223	0.487	0.215	0.2008	---	---	25
26	---	---	0.0228	1.43 B	0.771	0.336	0.188	0.431	0.217	0.1888	---	---	26
27	---	---	0.0188	1.38 B	0.728	0.311	0.181	0.390	0.218	0.1728	---	---	27
28	---	---	0.0218	1.18	0.680	0.282	0.201	0.352	0.211	0.1618	---	---	28
29	---		0.0238	1.07	0.718	0.285	0.276	0.326	0.214	0.1508	---	---	29
30	---		0.0268	1.03	0.648	0.328	0.276	0.333	0.210	0.1398	---	---	30
31	---		0.0298		0.680		0.332	0.282		0.1298		---	31
TOTAL	---	---	0.814	26.889	25.603	23.583	8.334	17.240	7.840	6.130	---	---	TOTAL
MEAN	---	---	0.020	0.883	0.826	0.785	0.261	0.558	0.285	0.188	---	---	MEAN
MAX	---	---	0.029	1.43	1.19	1.82	0.640	1.31	0.313	0.215	---	---	MAX
MIN	---	---	0.013	0.030	0.632	0.288	0.181	0.172	0.210	0.129	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.473
MAXIMUM DAILY, 1.82 ON JUN 7
MINIMUM DAILY, 0.0130 ON MAR 11
MAXIMUM INSTANTANEOUS,
2.22B AT 17:48 MST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 51 55 N
LONG 119 55 00 W
DRAINAGE AREA, 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	808
FEB	---	AUG	1 490
MAR	83.0	SEP	880
APR	2 240	OCT	530
MAY	2 310	NOV	---
JUN	2 040	DEC	---

TOTAL DISCHARGE, 10 000 dam³

PORTER CREEK ABOVE BAPTISTE LAKE - STATION NO. 07BE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	0.0408	0.150	0.105	0.059	0.0[illegible]	0.039	0.028	0.041	---	1
2	---	---	0.0288	0.0808	0.152	0.117	0.056	0.040	0.048	0.030	0.039	---	2
3	---	---	0.0288	0.1508	0.156	0.125	0.052	0.044	0.037	0.033	0.038A	---	3
4	---	---	0.0288	0.2408	0.143	0.118	0.048	0.041	0.038	0.037	---	---	4
5	---	---	0.0288	0.3008	0.138	0.114	0.046	0.042	0.038	0.035	---	---	5
6	---	---	0.0288	0.4008	0.128	0.138	0.044	0.038	0.038	0.033	---	---	6
7	---	---	0.0288	0.5508	0.121	0.140	0.042	0.038	0.037	0.028	---	---	7
8	---	---	0.0288	0.3048	0.111	0.134	0.041	0.033	0.045	0.018	---	---	8
9	---	---	0.0288	0.2508	0.105	0.148	0.043	0.033	0.047	0.017	---	---	9
10	---	---	0.0288	0.3408	0.101	0.224	0.040	0.052	0.080	0.018	---	---	10
11	---	---	0.0288	0.2388	0.098	0.174	0.038	0.048	0.084	0.021	---	---	11
12	---	---	0.0288	0.2408	0.095	0.155	0.035	0.038	0.051	0.023	---	---	12
13	---	---	0.0288	0.2468	0.092	0.137	0.035	0.038	0.042	0.018	---	---	13
14	---	---	0.0288	0.2508	0.089	0.123	0.034	0.044	0.041	0.024	---	---	14
15	---	---	0.0288	0.2588	0.087	0.114	0.038	0.047	0.042	0.024	---	---	15
16	---	---	0.0288	0.2658	0.085	0.105	0.038	0.049	0.042	0.024	---	---	16
17	---	---	0.0288	0.2508	0.083	0.093	0.038	0.053	0.042	0.028	---	---	17
18	---	---	0.0288	0.230	0.083	0.084	0.035	0.051	0.041	0.025	---	---	18
19	---	---	0.0288	0.232	0.103	0.074	0.041	0.051	0.042	0.022	---	---	19
20	---	---	0.0288	0.201	0.089	0.074	0.039	0.055	0.040	0.022	---	---	20
21	---	---	0.0288	0.182	0.088	0.080	0.038	0.059	0.042	0.023	---	---	21
22	---	---	0.0288	0.178	0.084	0.081	0.039	0.057	0.044	0.022	---	---	22
23	---	---	0.0288	0.187	0.089	0.073	0.040	0.053	0.047	0.021	---	---	23
24	---	0.0288	0.0288	0.158	0.093	0.089	0.038	0.048	0.048	0.022	---	---	24
25	---	0.0288	0.0288	0.154	0.091	0.085	0.038	0.053	0.050	0.022	---	---	25
26	---	0.0288	0.0288	0.159	0.088	0.083	0.037	0.049	0.050	0.019	---	---	26
27	---	0.0288	0.0288	0.165	0.087	0.081	0.038	0.043	0.043	0.023	---	---	27
28	---	0.0288	0.0288	0.169	0.087	0.088	0.037	0.045	0.037	0.029	---	---	28
29	---		0.0288	0.168	0.106	0.088	0.048	0.044	0.038	0.031	---	---	29
30	---		0.0288	0.182	0.108	0.083	0.034	0.041	0.034	0.033	---	---	30
31	---		0.0288		0.108		0.052	0.032		0.038		---	31
TOTAL	---	---	0.868	8.873	3.274	3.189	1.274	1.392	1.286	0.782	---	---	TOTAL
MEAN	---	---	0.028	0.219	0.106	0.106	0.041	0.045	0.043	0.025	---	---	MEAN
MAX	---	---	0.028	0.550	0.156	0.224	0.058	0.059	0.084	0.037	---	---	MAX
MIN	---	---	0.028	0.040	0.083	0.068	0.034	0.032	0.034	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.076
MAXIMUM DAILY, 0.5508 ON APR 7
MINIMUM DAILY, 0.018 ON OCT 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 20 N
LONG 113 34 25 W
DRAINAGE AREA, 87.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	110
FEB	---	AUG	120
MAR	75.0	SEP	111
APR	568	OCT	67.8
MAY	283	NOV	---
JUN	274	DEC	---

TOTAL DISCHARGE, 1 910 dam³

POTHOLE CREEK AT RUSSELL'S RANCH - STATION NO. 05AE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.262	0.821	0.443	0.457	0.270	0.381	0.375	---	1
2	---	---	---	---	0.273	0.808	0.546	0.470	0.194	0.334	0.288	---	2
3	---	---	---	---	0.343	0.366	0.518	0.480	0.140	0.288	0.218	---	3
4	---	---	---	---	0.307	0.262	0.510	0.509	0.177	0.305	0.177	---	4
5	---	---	---	---	0.280	0.235	0.485	0.581	0.184	0.345	0.151	---	5
6	---	---	---	---	0.281	0.224	0.545	0.881	0.178	0.414	0.128	---	6
7	---	---	---	---	0.265	0.231	0.380	0.768	0.178	0.447	0.110	---	7
8	---	---	---	---	0.263	0.335	0.347	0.878	0.224	0.571	0.104	---	8
9	---	---	---	---	0.310	0.447	0.389	0.843	0.204	0.358	0.098	---	9
10	---	---	---	---	0.377	0.432	0.460	0.885	0.192	0.380	0.095	---	10
11	---	---	---	---	0.205	0.488	0.388	0.833	0.233	0.403	0.088	---	11
12	---	---	---	---	0.884	0.438	0.405	1.08	0.262	0.278	0.088	---	12
13	---	---	---	---	0.833	0.470	0.815	1.01	0.278	0.289	0.078	---	13
14	---	---	---	---	0.588	0.831	0.448	0.947	0.270	0.188	0.072	---	14
15	---	---	---	---	0.373	0.488	0.288	0.885	0.282	1.36	0.0678	---	15
16	---	---	---	---	0.388	0.488	0.193	0.800	0.262	3.01	0.0628	---	16
17	---	---	---	0.226	0.488	0.488	0.158	0.718	0.323	3.76	0.0688	---	17
18	---	---	---	0.242	0.484	0.880	0.888	0.593	0.341	3.61	0.0648	---	18
19	---	---	---	0.272	0.408	1.11	1.99	0.488	0.354	3.76	0.0618	---	19
20	---	---	---	0.347	0.708	1.06	2.14	0.420	0.378	3.72	0.0638	---	20
21	---	---	---	0.340	0.711	1.23	1.88	0.378	0.404	3.78	0.0668	---	21
22	---	---	---	0.328	0.678	0.820	1.38	0.360	0.388	3.68	0.066	---	22
23	---	---	---	0.380	0.630	0.734	1.18	0.318	0.385	3.70	0.0618	---	23
24	---	---	---	0.431	0.427	0.838	0.824	0.478	0.303	3.80	0.0688	---	24
25	---	---	0.1288	0.388	0.888	0.838	0.748	0.888	0.331	3.84	0.0648	---	25
26	---	---	---	0.318	0.700	0.411	0.817	0.871	0.338	3.48	0.0288	---	26
27	---	---	---	0.288	0.838	0.348	0.548	0.811	0.458	3.41	0.0238	---	27
28	---	---	---	0.227	1.05	0.730	0.488	0.417	0.423	3.33	0.0228	---	28
29	---		---	0.200	0.807	0.826	0.488	0.362	0.408	3.24	0.0218	---	29
30	---		---	0.210	0.783	0.482	0.403	0.328	0.378	2.98	0.0208	---	30
31	---		---		0.802		0.368	0.308		0.748		---	31
TOTAL	---	---	---	---	15.712	15.784	20.834	15.481	8.718	80.005	2.834	---	TOTAL
MEAN	---	---	---	---	0.507	0.559	0.866	0.588	0.291	1.94	0.094	---	MEAN
MAX	---	---	---	---	1.05	1.23	2.14	1.08	0.458	3.68	0.378	---	MAX
MIN	---	---	---	---	0.205	0.224	0.158	0.308	0.140	0.188	0.020	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.668
MAXIMUM DAILY, 3.68 ON OCT 22
MINIMUM DAILY, 0.0208 ON NOV 30

SUMMARY FOR THE MONTHS MAY TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 113 49 40 W
DRAINAGE AREA, 772 km²

B - ICE CONDITIONS

REGULATED SINCE 1919

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 780
FEB	---	AUG	1 800
MAR	---	SEP	783
APR	---	OCT	5 180
MAY	1 380	NOV	248
JUN	1 480	DEC	---

TOTAL DISCHARGE, 13 400 dam³

POTHOLE TURNOUT NEAR MAGRATH - STATION NO. 05AE036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0.662	0.767	0.434	0.185	0.408	0	---	1
2	---	---	---	0	0	0.639	0.771	0.395	0.189	0.435	0A	---	2
3	---	---	---	0	0	0.663	0.788	0.371	0.172	0.420	---	---	3
4	---	---	---	0	0	0.784	0.788	0.365	0.182	0.401	---	---	4
5	---	---	---	0	0	0.783	0.811	0.359	0.188	0.382	---	---	5
6	---	---	---	0	0	0.842	0.817	0.389	0.180	0.378	---	---	6
7	---	---	---	0	0	0.883	0.849	0.422	0.192	0.388	---	---	7
8	---	---	---	0	0	0.914	0.900	0.417	0.193	0.334	---	---	8
9	---	---	---	0	0	0.881	0.972	0.405	0.211	0.306	---	---	9
10	---	---	---	0	0	0.883	0.890	0.411	0.253	0.148	---	---	10
11	---	---	---	0	0.062	0.828	0.898	0.420	0.253	0.181	---	---	11
12	---	---	---	0	0.138	0.781	1.01	0.387	0.286	0.145	---	---	12
13	---	---	---	0	0.328	0.811	1.02	0.356	0.272	0.088	---	---	13
14	---	---	---	0	0.361	0.838	1.05	0.348	0.262	0.098	---	---	14
15	---	---	---	0	0.416	0.834	1.07	0.338	0.264	0.038	---	---	15
16	---	---	---	0	0.500	0.778	1.00	0.318	0.273	0.010	---	---	16
17	---	---	---	0	0.528	0.704	0.873	0.282	0.281	0.001	---	---	17
18	---	---	---	0	0.584	0.717	0.788	0.289	0.288	0	---	---	18
19	---	---	---	0	0.575	0.648	0.884	0.288	0.308	0	---	---	19
20	---	---	---	0	0.608	0.578	0.887	0.238	0.310	0	---	---	20
21	---	---	---	0	0.681	0.884	0.875	0.230	0.316	0	---	---	21
22	---	---	---	0	0.988	0.545	0.483	0.219	0.327	0	---	---	22
23	---	---	---	0	0.718	0.507	0.471	0.203	0.370	0	---	---	23
24	---	---	---	0	0.788	0.519	0.484	0.228	0.388	0	---	---	24
25	---	---	---	0	0.784	0.598	0.438	0.234	0.427	0	---	---	25
26	---	---	0A	0	0.888	0.875	0.418	0.187	0.442	0	---	---	26
27	---	---	0	0	0.833	0.738	0.427	0.182	0.485	0	---	---	27
28	---	---	0	0	0.787	0.772	0.448	0.148	0.432	0	---	---	28
29	---		0	0	0.672	0.784	0.483	0.144	0.421	0	---	---	29
30	---		0	0	0.595	0.768	0.449	0.145	0.423	0	---	---	30
31	---		0		0.651		0.439	0.140		0		---	31
TOTAL	---	---	---	0	11.822	21.653	23.884	9.190	8.710	4.109	---	---	TOTAL
MEAN	---	---	---	0	0.381	0.726	0.731	0.296	0.290	0.133	---	---	MEAN
MAX	---	---	---	0	0.889	0.914	1.07	0.434	0.455	0.435	---	---	MAX
MIN	---	---	---	0	0	0.507	0.418	0.140	0.188	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 1.07 ON JUL 15
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 37 N
LONG 112 53 52 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 980
FEB	---	AUG	764
MAR	---	SEP	753
APR	0	OCT	356
MAY	1 020	NOV	---
JUN	1 880	DEC	---

TOTAL DISCHARGE, 6 770 dam³

PRAIRIE BLOOD COULEE NEAR LETHBRIDGE - STATION NO. 05AD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0A	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	0A	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 50 N
LONG 112 57 32 W
DRAINAGE AREA, 227 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

PRAIRIE CREEK BELOW LICK CREEK - STATION NO. 05DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5088	0.8888	0.886	0.847	0.883	1.92	1.34	0.720	0.614	---	1
2	---	---	0.5088	1.25 B	0.882	0.808	0.805	1.88	1.28	0.718	0.609A	---	2
3	---	---	0.5088	1.60 B	0.877	0.892	0.881	1.84	1.43	0.705	---	---	3
4	---	---	0.8808	2.00 B	0.809	0.889	2.05	1.86	1.43	0.777	---	---	4
5	---	---	0.8208	1.78 B	0.774	0.888	2.82	2.87	1.30	0.747	---	---	5
6	---	---	0.8508	1.80 B	0.781	0.882	2.71	2.33	1.24	0.732	---	---	6
7	---	---	0.8008	1.25 B	0.724	0.848	2.21	1.88	1.19	0.711	---	---	7
8	---	---	0.7238	0.7708	0.712	0.822	1.89	1.72	1.13	0.891	---	---	8
9	---	---	0.6388	0.8158	0.702	0.821	1.83	1.88	1.11	0.880	---	---	9
10	---	---	0.5428	0.8278	0.898	0.841	1.77	1.90	1.10	0.877	---	---	10
11	---	---	0.5728	0.7838	0.885	0.828	1.94	2.04	1.08	0.875	---	---	11
12	---	---	0.5888	0.6888	0.878	0.800	1.28	1.85	1.02	0.872	---	---	12
13	---	---	0.5908	0.8248	0.883	0.482	1.18	1.82	0.978	0.858	---	---	13
14	---	---	0.5418	0.7988	0.882	0.478	1.04	2.21	0.988	0.863	---	---	14
15	---	---	0.5178	0.7478	0.823	0.480	0.980	2.48	0.928	0.873	---	---	15
16	---	---	0.4848	0.7428	0.810	1.80	1.24	2.22	0.888	0.884	---	---	16
17	---	---	0.5338	0.7408	0.811	2.30	1.31	2.19	0.878	0.871	---	---	17
18	---	---	0.5028	0.7208	0.826	1.47	1.48	2.20	0.888	0.888	---	---	18
19	---	---	0.4858	0.7958	0.782	1.12	2.10	2.38	0.888	0.853	---	---	19
20	---	---	0.4898	0.7378	0.781	1.15	2.41	2.18	0.829	0.840	---	---	20
21	---	---	0.4728	0.883	0.848	1.14	2.02	1.82	0.784	0.841	---	---	21
22	---	---	0.4548	0.826	0.985	1.01	2.41	1.75	0.748	0.822	---	---	22
23	---	---	0.5138	0.874	1.01	0.877	2.20	1.84	0.745	0.894	---	---	23
24	---	---	0.5038	0.817	0.981	0.788	1.87	1.82	0.748	0.812	---	---	24
25	---	---	0.4818	0.778	0.895	0.883	2.42	1.81	0.732	0.826	---	---	25
26	---	---	0.4468	0.748	0.818	0.822	3.05	1.84	0.787	0.822	---	---	26
27	---	---	0.4028	0.780	0.784	0.892	2.58	1.41	0.848	0.818	---	---	27
28	---	---	0.3858	0.800	0.723	0.821	2.21	1.33	0.788	0.818	---	---	28
29	---		0.4888	0.855	0.893	0.582	1.82	1.73	0.758	0.818	---	---	29
30	---		0.5178	0.904	0.882	0.815	1.73	1.70	0.742	0.818	---	---	30
31	---		0.9588		0.840		1.83	1.48		0.817		---	31
TOTAL	---	---	17.131	28.000	23.743	23.812	55.709	58.24	29.520	20.803	---	---	TOTAL
MEAN	---	---	0.553	0.933	0.766	0.787	1.80	1.88	0.984	0.888	---	---	MEAN
MAX	---	---	0.850	2.00	1.01	2.30	3.05	2.87	1.43	0.777	---	---	MAX
MIN	---	---	0.388	0.818	0.810	0.480	0.883	1.33	0.732	0.884	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 3.05 ON JUL 26
MINIMUM DAILY, 0.3858 ON MAR 28
MAXIMUM INSTANTANEOUS,
3.28 AT 09:16 MST ON JUL 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 10 N
LONG 115 17 30 W
DRAINAGE AREA, 208 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 810
FEB	---	AUG	5 030
MAR	1 480	SEP	2 550
APR	2 420	OCT	1 780
MAY	2 050	NOV	---
JUN	2 040	DEC	---

TOTAL DISCHARGE, 22 200 dam³

PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.108	2.988	2.488	3.828	3.32	3.33	3.21	4.24	3.92	2.39	2.31	1.718	1
2	3.108	2.958	2.448	3.948	3.48	2.18	3.17	4.28	3.88	2.31	2.30	1.688	2
3	3.108	2.928	2.418	4.258	3.42	2.27	3.03	3.90	3.88	2.28	2.29	1.648	3
4	3.108	2.908	2.488	4.508	3.18	2.15	2.86	3.74	3.87	2.42	2.35	1.618	4
5	3.108	2.908	2.808	4.408	2.98	2.01	4.87	4.44	3.78	2.43	2.34	1.578	5
6	3.108	2.908	2.828	4.338	2.80	2.03	5.07	5.54	3.81	2.48	2.36	1.548	6
7	3.108	2.908	2.458	4.238	2.68	2.10	5.18	4.90	3.45	2.42	2.32	1.518	7
8	3.108	2.908	2.408	4.128	2.56	1.83	5.58	4.19	3.34	2.41	2.28	1.488	8
9	3.108	2.908	2.388	4.008	2.51	1.88	5.33	3.84	3.27	2.38	2.308	1.478	9
10	3.108	2.888	2.388	3.888	2.42	2.01	4.82	4.30	3.17	2.34	2.238	1.458	10
11	3.108	2.888	2.388	3.758	2.43	2.00	4.80	4.84	3.12	2.34	2.218	1.438	11
12	3.108	2.808	2.388	3.838	2.88	1.98	4.38	4.82	3.04	2.34	2.208	1.428	12
13	3.088	2.888	2.388	3.48	2.58	1.66	3.78	4.38	2.92	2.37	2.108	1.418	13
14	3.068	2.848	2.388	3.20	2.43	1.81	3.33	5.05	2.79	2.83	2.008	1.408	14
15	3.018	2.818	2.388	3.32	2.81	1.76	3.03	5.90	2.72	2.42	1.908	1.388	15
16	3.008	2.778	2.388	3.28	2.40	2.20	2.85	6.12	2.87	2.38	1.788	1.388	16
17	3.008	2.778	2.388	3.14	2.27	3.88	3.18	5.88	2.85	2.38	1.808	1.378	17
18	2.998	2.778	2.388	3.17	2.28	4.82	3.28	5.84	2.82	2.38	1.708	1.378	18
19	2.998	2.778	2.388	2.84	2.44	3.98	3.78	5.78	2.87	2.37	1.808	1.388	19
20	2.988	2.778	2.388	2.83	2.74	3.34	4.81	5.83	2.84	2.38	2.308	1.318	20
21	2.888	2.778	2.388	3.01	2.83	3.21	5.34	5.37	2.84	2.36	2.208	1.348	21
22	2.888	2.778	2.388	3.48	2.78	3.30	6.81	4.78	2.44	2.33	2.108	1.378	22
23	2.888	2.788	2.388	3.58	3.80	3.00	7.28	4.83	2.40	2.31	2.068	1.388	23
24	2.888	2.718	2.388	3.88	2.88	2.72	8.21	4.88	2.38	2.28	2.038	1.388	24
25	2.888	2.678	2.388	3.37	2.87	2.47	8.20	4.32	2.41	2.28	1.888	1.388	25
26	2.888	2.638	2.388	3.28	2.77	3.28	5.45	4.04	2.50	2.34	1.848	1.408	26
27	2.888	2.588	2.388	3.12	2.84	2.18	5.88	3.84	2.58	2.34	1.888	1.408	27
28	2.888	2.548	2.388	3.08	2.38	2.18	5.32	3.82	2.87	2.32	1.838	1.408	28
29	2.888		2.858	3.11	2.38	2.14	4.83	3.81	2.87	2.31	1.788	1.408	29
30	2.888		3.008	3.24	2.28	2.28	4.11	4.42	2.48	2.32	1.788	1.388	30
31	2.888		3.308		2.27		4.03	4.33		2.31		1.388	31
TOTAL	84.08	78.78	78.30	106.77	82.88	74.24	138.88	145.01	88.33	73.24	83.33	44.38	TOTAL
MEAN	3.03	2.81	2.48	3.56	2.68	2.47	4.48	4.68	2.84	2.38	2.08	1.43	MEAN
MAX	3.10	2.88	3.30	4.50	3.48	4.82	7.28	6.12	3.82	2.83	2.38	1.71	MAX
MIN	2.88	2.84	2.38	2.83	2.27	1.78	2.03	3.82	2.38	2.28	1.80	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 7.28 ON JUL 23
MINIMUM DAILY, 1.278 ON DEC 17
MAXIMUM INSTANTANEOUS,
7.58 AT 06:52 MST ON JUL 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 20 N
LONG 114 55 50 W
DRAINAGE AREA, 869 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 130	JUL	12 000
FEB	8 800	AUG	12 800
MAR	8 680	SEP	7 830
APR	8 220	OCT	8 330
MAY	7 170	NOV	6 380
JUN	8 410	DEC	3 830

TOTAL DISCHARGE, 92 000 dam³

PUNK CREEK NEAR THE MOUTH - STATION NO. 05AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.0108	0.087	0.107	0.012	0.008	0.013	0.004	0.007	---	1
2	---	---	0.0108	0.0108	0.072	0.126	0.011	0.008	0.013	0.005	0.006	---	2
3	---	---	0.0108	0.0148	0.077	0.138	0.011	0.008	0.014	0.005	0.0078	---	3
4	---	---	0.0108	0.0888	0.078	0.136	0.011	0.008	0.013	0.004	---	---	4
5	---	---	0.0108	0.0888	0.070	0.127	0.011	0.008	0.018	0.004	---	---	5
6	---	---	0.0108	0.1488	0.088	0.120	0.011	0.008	0.018	0.004	---	---	6
7	---	---	0.0108	0.2178	0.097	0.118	0.010	0.008	0.018	0.005	---	---	7
8	---	---	0.0108	0.3018	0.094	0.104	0.010	0.008	0.014	0.005	---	---	8
9	---	---	0.0108	0.4398	0.092	0.098	0.012	0.008	0.018	0.005	---	---	9
10	---	---	0.0108	0.4888	0.087	0.093	0.011	0.008	0.013	0.004	---	---	10
11	---	---	0.0108	0.4318	0.090	0.084	0.008	0.007	0.012	0.005	---	---	11
12	---	---	0.0108	0.4088	0.088	0.078	0.008	0.008	0.011	0.005	---	---	12
13	---	---	0.0108	0.3548	0.081	0.071	0.008	0.007	0.010	0.005	---	---	13
14	---	---	0.0108	0.3238	0.068	0.087	0.010	0.008	0.010	0.005	---	---	14
15	---	---	0.0108	0.303	0.060	0.082	0.008	0.007	0.009	0.005	---	---	15
16	---	---	0.0108	0.272	0.038	0.082	0.008	0.008	0.008	0.005	---	---	16
17	---	---	0.0108	0.244	0.028	0.057	0.010	0.008	0.007	0.005	---	---	17
18	---	---	0.0108	0.220	0.045	0.054	0.008	0.010	0.007	0.005	---	---	18
19	---	---	0.0108	0.188	0.057	0.054	0.008	0.010	0.005	0.005	---	---	19
20	---	---	0.0108	0.177	0.073	0.052	0.008	0.010	0.004	0.005	---	---	20
21	---	---	0.0108	0.168	0.083	0.050	0.007	0.011	0.005	0.005	---	---	21
22	---	---	0.0108	0.138	0.085	0.044	0.010	0.008	0.004	0.005	---	---	22
23	---	---	0.0108	0.128	0.080	0.041	0.008	0.007	0.005	0.005	---	---	23
24	---	---	0.0108	0.118	0.082	0.038	0.011	0.007	0.004	0.005	---	---	24
25	---	---	0.0108	0.114	0.092	0.038	0.010	0.008	0.004	0.005	---	---	25
26	---	---	0.0108	0.108	0.081	0.027	0.008	0.008	0.003	0.007	---	---	26
27	---	---	0.0108	0.098	0.088	0.013	0.008	0.008	0.004	0.008	---	---	27
28	---	---	0.0108	0.090	0.087	0.008	0.008	0.010	0.004	0.008	---	---	28
29	---		0.0108	0.088	0.084	0.008	0.008	0.012	0.003	0.007	---	---	29
30	---		0.0108	0.078	0.1008	0.012	0.008	0.013	0.004	0.007	---	---	30
31	---		0.0108		0.105		0.008	0.013		0.008		---	31
TOTAL	---	---	0.310	5.803	2.182	2.085	0.288	0.275	0.284	0.187	---	---	TOTAL
MEAN	---	---	0.010	0.193	0.070	0.070	0.010	0.008	0.009	0.005	---	---	MEAN
MAX	---	---	0.010	0.488	0.105	0.138	0.012	0.013	0.018	0.008	---	---	MAX
MIN	---	---	0.010	0.010	0.028	0.008	0.007	0.008	0.003	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 0.4888 ON APR 10
MINIMUM DAILY, 0.003 ON SEP 26
MAXIMUM INSTANTANEOUS,
0.5388 AT 12:47 MST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 20 N
LONG 111 13 40 W
DRAINAGE AREA, 388 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25.8
FEB	---	AUG	23.8
MAR	28.8	SEP	22.8
APR	501	OCT	14.4
MAY	187	NOV	---
JUN	180	DEC	---

TOTAL DISCHARGE, 982 dam³

RACEHORSE CREEK NEAR THE MOUTH - STATION NO. 05AA027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.8478	16.5	3.28	1.18	1.51	0.639	0.424	0.327	---	1
2	---	---	---	0.8728	12.7	2.98	1.12	1.37	0.629	0.419	0.323	---	2
3	---	---	---	0.7948	9.88	2.88	1.11	1.28	0.638	0.410	0.318	---	3
4	---	---	---	1.14 B	8.43	3.00	1.07	1.22	0.635	0.403	0.311	---	4
5	---	---	---	1.88	8.84	3.33	1.58	1.24	0.818	0.401	0.312A	---	5
6	---	---	---	2.44	9.84	3.51	1.28	1.21	0.802	0.404	---	---	6
7	---	---	---	2.41	10.8	3.37	1.12	1.12	0.886	0.403	---	---	7
8	---	---	---	2.24	12.1	3.48	1.07	1.06	0.878	0.392	---	---	8
9	---	---	---	1.88	12.8	3.35	1.08	1.01	0.857	0.393	---	---	9
10	---	---	---	1.85	11.5	3.08	1.19	1.03	0.838	0.347	---	---	10
11	---	---	---	1.73	10.3	2.88	1.07	1.41	0.830	0.390	---	---	11
12	---	---	---	1.82	11.2	2.88	0.976	1.18	0.812	0.381	---	---	12
13	---	---	---	1.62	11.2	2.82	0.893	1.15	0.801	0.388	---	---	13
14	---	---	---	1.80	9.28	2.67	0.867	1.81	0.493	0.384	---	---	14
15	---	---	---	2.89	8.74	2.63	0.838	1.80	0.480	0.384	---	---	15
16	---	---	---	3.80	8.88	2.78	0.882	1.30	0.478	0.388	---	---	16
17	---	---	---	4.12	7.18	2.28	1.08	1.27	0.473	0.383	---	---	17
18	---	---	---	3.44	8.80	1.98	2.28	1.14	0.488	0.383	---	---	18
19	---	---	---	2.84	5.87	2.17	5.18	1.08	0.488	0.284	---	---	19
20	---	---	---	2.68	5.17	2.08	3.27	0.988	0.461	0.328	---	---	20
21	---	---	---	3.88	4.88	1.84	2.81	0.924	0.433	0.382	---	---	21
22	---	---	---	3.77	4.21	1.88	2.62	0.911	0.427	0.328	---	---	22
23	---	---	---	3.31	3.80	1.48	2.48	0.858	0.432	0.394	---	---	23
24	---	---	0.5838	3.17	3.82	1.38	2.14	0.888	0.420	0.378	---	---	24
25	---	---	0.4808	3.82	3.46	1.28	1.94	0.878	0.418	0.357	---	---	25
26	---	---	0.4788	4.88	3.40	1.24	2.00	0.847	0.440	0.338	---	---	26
27	---	---	0.4248	5.88	3.36	1.28	1.80	0.788	0.883	0.327	---	---	27
28	---	---	0.8318	8.03	3.48	1.38	1.44	0.738	0.488	0.338	---	---	28
29	---		0.5728	12.4	3.46	1.20	1.42	0.894	0.447	0.338	---	---	29
30	---		0.5448	14.2	3.52	1.24	1.37	0.883	0.433	0.338	---	---	30
31	---		0.5148		3.83		2.02	0.848		0.334		---	31
TOTAL	---	---	---	103.263	237.87	70.73	50.744	33.524	15.338	11.288	---	---	TOTAL
MEAN	---	---	---	3.44	7.87	2.38	1.84	1.08	0.511	0.384	---	---	MEAN
MAX	---	---	---	14.2	18.8	3.51	5.18	1.81	0.838	0.424	---	---	MAX
MIN	---	---	---	0.847	3.36	1.20	0.838	0.848	0.418	0.284	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.44
MAXIMUM DAILY, 18.8 ON MAY 1
MINIMUM DAILY, 0.284 ON OCT 19
MAXIMUM INSTANTANEOUS,
19.7 AT 21:54 MST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 18 N
LONG 114 25 08 W
DRAINAGE AREA, 217 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 380
FEB	---	AUG	2 900
MAR	---	SEP	1 330
APR	8 830	OCT	975
MAY	20 500	NOV	---
JUN	8 110	DEC	---

TOTAL DISCHARGE, 48 200 dam³

RAM RIVER NEAR THE MOUTH - STATION NO. 08DC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.088	4.338	4.018	4.888	13.5	10.2	11.2	24.3	20.6	11.1	7.01	3.828	1
2	5.088	4.308	4.018	5.488	15.0	9.48	11.1	24.4	20.3	10.8	6.91	3.878	2
3	5.088	4.278	4.028	5.978	11.0	9.17	11.5	23.4	20.7	10.6	6.88	3.888	3
4	5.088	4.248	4.038	5.888	9.87	9.80	15.6	22.9	19.9	10.6	6.88	3.708	4
5	5.078	4.218	4.088	7.208	9.18	10.6	18.7	26.2	19.3	10.0	6.71	3.708	5
6	5.078	4.208	4.108	5.988	9.08	12.3	20.3	24.3	18.4	9.83	6.57	3.708	6
7	5.088	4.188	4.138	7.438	9.88	11.4	19.6	22.7	18.0	9.69	6.388	3.708	7
8	5.088	4.198	4.158	6.918	11.6	11.0	19.1	22.3	18.3	9.53	6.068	3.888	8
9	5.088	4.188	4.178	5.718	12.7	11.8	18.9	22.0	17.9	9.45	6.308	3.888	9
10	5.088	4.178	4.208	5.388	11.6	12.0	20.0	23.4	17.4	9.20	6.298	3.888	10
11	5.088	4.188	4.228	5.818	10.0	11.1	19.4	25.7	17.0	9.24	6.188	3.808	11
12	5.038	4.158	4.238	5.488	10.1	10.2	18.8	24.2	16.5	9.08	6.108	3.408	12
13	5.088	4.148	4.238	6.148	11.3	10.8	18.6	27.6	16.1	8.91	5.708	3.288	13
14	5.038	4.138	4.228	6.678	9.82	11.0	18.1	30.6	15.8	8.81	5.888	3.188	14
15	5.488	4.128	4.208	8.02	9.32	11.0	17.8	32.9	15.6	8.87	5.188	3.058	15
16	5.418	4.118	4.188	7.78	9.18	13.4	18.6	32.3	15.3	8.72	4.808	2.888	16
17	5.338	4.108	4.168	7.87	8.83	17.0	18.6	33.3	14.7	8.73	3.418	2.808	17
18	5.258	4.108	4.148	7.04	8.82	13.8	19.5	32.1	14.3	8.48	4.448	2.908	18
19	5.198	4.098	4.118	8.38	9.80	12.8	22.2	30.4	14.0	8.33	5.808	2.988	19
20	5.118	4.088	4.088	8.37	8.84	12.8	24.1	28.8	13.8	8.11	6.318	3.088	20
21	5.038	4.088	4.048	7.18	8.88	13.7	25.2	28.3	13.3	7.80A	5.988	3.188	21
22	4.958	4.088	4.008	7.88	8.82	12.8	32.2	26.8	13.0	7.52E	5.858	3.258	22
23	4.878	4.078	3.988	7.42	8.80	11.7	25.8	26.0	12.7	7.14A	5.308	3.338	23
24	4.818	4.068	3.928	7.81	8.88	11.1	26.8	26.1	12.4	7.18	4.988	3.428	24
25	4.748	4.058	3.888	7.77	10.0	10.8	28.0	24.8	12.1	7.40	5.288	3.508	25
26	4.888	4.048	3.888	7.75	10.4	10.3	36.9	23.8	12.3	7.13	4.578	3.588	26
27	4.818	4.038	3.838	7.80	11.0	10.4	30.3	22.7	13.2	7.03	4.448	3.658	27
28	4.888	4.028	3.808	8.37	11.4	11.3	26.8	21.8	12.3	7.12	4.428	3.728	28
29	4.608		3.858	10.2	11.8	10.8	24.8	24.5	11.7	7.08	3.858	3.788	29
30	4.448		4.008	11.0	10.9	11.1	24.3	23.8	11.4	7.07	3.538	3.778	30
31	4.388		4.308		10.8		24.1	31.4		7.04		3.758	31
TOTAL	152.40	115.90	128.10	214.75	322.87	345.15	671.0	788.3	470.1	287.80	187.88	108.78	TOTAL
MEAN	5.24	4.14	4.07	7.18	10.4	11.5	21.8	25.7	15.7	8.83	5.80	3.44	MEAN
MAX	5.88	4.33	4.30	11.0	15.0	17.0	36.9	33.3	20.7	11.1	7.01	3.77	MAX
MIN	4.38	4.02	3.80	4.88	8.83	9.17	11.1	21.4	11.4	7.02	3.41	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 36.9 ON JUL 26
MINIMUM DAILY, 2.808 ON DEC 17
MAXIMUM INSTANTANEOUS,
39.2 AT 03:16 MST ON JUL 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 21 55 N
LONG 115 25 33 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 000	JUL	68 000
FEB	10 000	AUG	88 800
MAR	10 800	SEP	40 800
APR	18 800	OCT	23 100
MAY	27 800	NOV	14 800
JUN	28 800	DEC	9 230

TOTAL DISCHARGE, 325 000 dam³

RAT CREEK NEAR CYNTHIA - STATION NO. 07BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4808	0.8848	1.07	2.78	0.777	7.01	2.18	0.630	0.578	---	1
2	---	---	0.4908	0.8888	1.18	2.47	0.683	10.8	2.08	0.650	0.588	---	2
3	---	---	0.5188	2.41 B	1.38	2.18	0.661	11.8	2.08	0.648	0.564A	---	3
4	---	---	0.5308	3.20 B	1.48	1.88	0.888	8.88	2.13	0.644	---	---	4
5	---	---	0.5308	3.88 B	1.80	1.77	0.942	10.9	2.21	0.888	---	---	5
6	---	---	0.5308	2.87 B	1.47	1.88	1.28	14.8	2.13	0.634	---	---	6
7	---	---	0.5208	2.82 B	1.38	2.38	1.17	11.8	1.88	0.636	---	---	7
8	---	---	0.5208	3.48 B	1.30	2.82	1.11	8.84	1.80	0.837	---	---	8
9	---	---	0.5208	3.91 B	1.24	2.38	1.18	7.28	1.68	0.643	---	---	9
10	---	---	0.5108	4.81 B	1.18	2.08	1.78	6.82	1.88	0.828	---	---	10
11	---	---	0.5108	5.00 B	1.18	2.43	1.84	8.80	1.88	0.680	---	---	11
12	---	---	0.5008	4.81 B	1.13	2.87	1.88	8.88	1.81	0.837	---	---	12
13	---	---	0.4908	4.00 B	1.18	2.48	1.27	8.08	1.82	0.811	---	---	13
14	---	---	0.4708	3.20 B	1.48	2.10	1.08	4.87	1.88	0.801	---	---	14
15	---	---	0.4508	2.32 B	1.70	1.81	0.948	4.00	1.84	0.827	---	---	15
16	---	---	0.4408	2.48 B	1.88	1.81	0.838	3.48	1.88	0.833	---	---	16
17	---	---	0.4408	2.18 B	1.53	1.58	0.887	3.18	2.18	0.820	---	---	17
18	---	---	0.4308	2.03 B	1.43	1.74	1.24	2.88	2.32	0.803	---	---	18
19	---	---	0.4308	1.81	1.88	1.73	1.38	2.88	1.84 A	0.883	---	---	19
20	---	---	0.4408	1.81	2.81	1.88	1.21	2.41	1.84 E	0.801	---	---	20
21	---	---	0.4708	2.03	3.83	1.41	1.07	2.17	1.48 E	0.830	---	---	21
22	---	---	0.5008	1.82 E	4.83	1.32	1.07	2.10	1.37 E	0.818	---	---	22
23	---	---	0.5208	1.81 E	4.82	1.28	0.880	1.87	1.23 E	0.8808	---	---	23
24	---	---	0.5508	1.71 E	4.84	1.21	0.882	1.78	1.10 E	0.8508	---	---	24
25	---	---	0.6008	1.60 E	4.88	1.07	0.788	1.88	0.8858	0.8758	---	---	25
26	---	0.4408	0.6848	1.48 E	4.17	0.918	0.885	1.88	0.8008	0.8058	---	---	26
27	---	0.4508	0.3388	1.38 E	3.81	0.887	1.01	1.82	0.8088	0.884	---	---	27
28	---	0.4608	0.2808	1.28 E	3.13	0.848	1.14	1.81	0.7118	0.878	---	---	28
29	---		0.2508	1.17 E	3.07	0.888	0.887	1.87	0.837A	0.884	---	---	29
30	---		0.3508	1.08 A	3.48	0.938	3.23	2.00	0.820	0.882	---	---	30
31	---		0.4178		3.08		8.81	2.28		0.882	---	---	31
TOTAL	---	---	14.378	71.242	72.88	53.131	41.330	188.18	48.888	19.003	---	---	TOTAL
MEAN	---	---	0.484	2.37	2.34	1.77	1.33	6.10	1.68	0.613	---	---	MEAN
MAX	---	---	0.650	5.00	4.82	2.87	8.81	14.8	2.32	0.680	---	---	MAX
MIN	---	---	0.250	0.884	1.07	0.888	0.851	1.81	0.838	0.850	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.98
MAXIMUM DAILY, 14.8 ON AUG 8
MINIMUM DAILY, 0.2508 ON MAR 29
MAXIMUM INSTANTANEOUS,
15.3 AT 13:27 MST ON AUG 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 17 N
LONG 115 28 17 W
DRAINAGE AREA, 608 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 870
FEB	---	AUG	13 700
MAR	1 240	SEP	4 280
APR	5 180	OCT	1 840
MAY	8 280	NOV	---
JUN	4 880	DEC	---

TOTAL DISCHARGE, 41 800 dam³

RAVEN RIVER NEAR RAVEN - STATION NO. 05CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.805	1.905	1.925	3.985	2.67	1.89	1.67	1.84	2.43	1.78	1.75 E	1.38 E	1
2	1.805	1.905	1.915	3.885	2.58	1.83	1.85	1.85	2.28	1.78	1.75 A	1.31 E	2
3	1.805	1.905	1.905	3.455	2.77	1.86	1.67	1.98	2.81	1.72	1.74	1.27 E	3
4	1.805	1.915	1.925	3.255	2.58	1.86	1.81	1.85	2.56	1.73	1.85	1.23 E	4
5	1.805	1.925	1.995	3.185	2.40	1.98	2.38	2.32	2.40	1.77	1.83	1.20 E	5
6	1.805	1.935	2.005	3.345	2.24	1.89	2.85	2.48	2.23	1.75	1.79	1.18 E	6
7	1.805	1.955	2.085	3.485	2.18	1.81	2.81	2.54	2.18	1.75	1.85	1.16 E	7
8	1.815	1.975	2.105	3.515	2.09	1.48	2.48	2.33	2.21	1.89	1.85 E	1.14 E	8
9	1.815	1.995	2.125	3.325	2.05	1.41	2.25	2.17	2.14	1.85	1.48 E	1.12 E	9
10	1.825	2.015	2.155	3.235	2.02	1.48	2.22	2.83	2.06	1.85	1.49 E	1.10 E	10
11	1.835	2.045	2.155	2.885	1.87	1.52	2.18	2.87	1.97	1.85	1.48 E	1.08 E	11
12	1.845	2.085	2.145	2.895	1.85	1.51	1.98	3.23	1.94	1.88	1.37 E	1.08 E	12
13	1.855	2.105	2.145	3.175	1.86	1.45	1.81	3.03	1.86	1.85	1.27 E	1.07 E	13
14	1.885	2.125	2.135	3.405	2.07	1.42	1.71	2.85	1.81	1.85	1.18 E	1.08 E	14
15	1.875	2.135	2.125	3.185	1.88	1.46	1.63	3.07	1.78	1.85	1.00 E	1.04 E	15
16	1.885	2.145	2.115	2.82	1.81	2.00	1.53	3.48	1.75	1.85	0.950S	0.900S	16
17	1.705	2.145	2.115	2.71	1.83	2.88	1.81	3.22	1.75	1.87	0.950S	0.800S	17
18	1.715	2.145	2.115	2.84	1.79	3.42	1.83	2.83	1.75	1.75	1.30 E	0.650S	18
19	1.725	2.145	2.115	2.27	1.84	2.86	2.00	2.84	1.72	1.87	1.90 E	0.520S	19
20	1.745	2.145	2.105	2.85	1.98	2.23	2.48	3.05	1.87	1.87A	2.20 E	0.870S	20
21	1.765	2.145	2.105	3.23	1.93	2.03	2.58	2.90	1.85	1.88E	2.05 E	1.00 E	21
22	1.815	2.135	2.105	3.77	1.85	1.86	2.38	2.52	1.83	1.87E	1.90 E	1.03 E	22
23	1.815	2.115	2.105	3.59	1.83	1.80	2.98	2.22	1.82	1.85E	1.81 E	1.05 E	23
24	1.835	2.095	2.105	3.36	1.79	1.76	3.41	2.12	1.81	1.87E	1.75 E	1.05 E	24
25	1.855	2.055	2.105	2.94	1.77	1.86	2.67	2.48	1.81	1.88E	1.68 E	1.05 E	25
26	1.875	2.015	2.105	2.79	1.74	1.67	2.38	2.67	1.88	1.88E	1.62 E	1.05 E	26
27	1.885	1.985	2.105	2.58	1.71	1.85	2.08	2.41	1.82	1.70E	1.58 E	1.05 E	27
28	1.895	1.955	2.105	2.53	1.89	1.84	1.98	2.18	1.87	1.71E	1.80 E	1.05 E	28
29	1.905		2.105	2.85	1.70	1.88	1.76	2.43	1.81	1.72E	1.44 E	1.05 E	29
30	1.905		2.405	2.57	1.85	1.88	1.84	2.88	1.81	1.73E	1.38 E	0.800S	30
31	1.905		3.205		1.85		1.78	2.71		1.74E		0.900S	31
TOTAL	53.25	57.01	65.62	92.85	61.87	53.38	65.76	80.11	58.18	52.71	47.180	33.020	TOTAL
MEAN	1.72	2.04	2.12	3.10	2.00	1.78	2.12	2.58	1.84	1.70	1.57	1.07	MEAN
MAX	1.90	2.14	3.20	3.88	2.77	3.42	3.41	3.48	2.88	1.78	2.20	1.38	MAX
MIN	1.80	1.90	1.80	2.27	1.85	1.41	1.63	1.84	1.81	1.85	0.950	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 3.988 ON APR 1
MINIMUM DAILY, 0.8008 ON DEC 17

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 20 N
LONG 114 28 35 W
DRAINAGE AREA, 847 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 800	JUL	5 880
FEB	4 930	AUG	6 320
MAR	5 690	SEP	5 030
APR	8 020	OCT	4 550
MAY	5 350	NOV	4 080
JUN	4 810	DEC	2 850

TOTAL DISCHARGE, 82 300 dam³

RAY CREEK NEAR INNISFAIL - STATION NO. 05CE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.03 B	0.083	0.011	0	0	0	0	0.002	---	1
2	---	---	0 B	1.74 B	0.044	0.008	0	0	0	0	0.001A	---	2
3	---	---	0 B	1.58 B	0.039	0.005	0	0	0	0	---	---	3
4	---	---	0 B	1.20 B	0.050	0.004	0	0	0.021	0	---	---	4
5	---	---	0 B	0.7488	0.043	0.004	0	0	0.072	0	---	---	5
6	---	---	0 B	0.4888	0.038	0.002	0	0	0.085	0	---	---	6
7	---	---	0 B	0.328	0.028	0	0.001	0	0.037	0	---	---	7
8	---	---	0.0018	0.241	0.022	0	0.007	0	0.037	0	---	---	8
9	---	---	0.2828	0.178	0.014	0	0.003	0	0.031	0	---	---	9
10	---	---	0.0438	0.121	0.018	0	0.002	0	0.013	0	---	---	10
11	---	---	0.0188	0.107	0.019	0	0.002	0	0.008	0	---	---	11
12	---	---	0.0088	0.083	0.111	0	0.001	0	0.034	0	---	---	12
13	---	---	0 B	0.072	0.072	0	0	0	0.004	0	---	---	13
14	---	---	0 B	0.060	0.018	0	0	0	0	0	---	---	14
15	---	---	0 B	0.089	0.014	0	0	0.003	0	0	---	---	15
16	---	---	0 B	0.058	0.011	0	0	0.004	0	0	---	---	16
17	---	---	0 B	0.048	0.010	0	0	0.004	0	0	---	---	17
18	---	---	0.0028	0.048	0.004	0	0	0.002	0	0	---	---	18
19	---	---	0.0048	0.050	0.004	0	0.009	0	0	0	---	---	19
20	---	---	0.0088	0.058	0.009	0.001	0.038	0.003	0	0	---	---	20
21	---	---	0.0078	0.054	0.010	0.001	0.018	0.004	0	0	---	---	21
22	---	---	0.0048	0.052	0.018	0	0.018	0.001	0	0	---	---	22
23	---	---	0.0018	0.058	0.028	0	0.088	0.001	0	0	---	---	23
24	---	---	0 B	0.040	0.035	0	0.036	0	0	0	---	---	24
25	---	---	0 B	0.033	0.021	0	0.005	0	0	0	---	---	25
26	---	---	0 B	0.018	0.020	0	0.004	0	0	0	---	---	26
27	---	---	0 B	0.012	0.021	0	0.001	0	0	0.001	---	---	27
28	---	---	0 B	0.014	0.040	0	0.001	0	0	0.002	---	---	28
29	---		0.0588	0.018	0.033	0	0	0	0	0	---	---	29
30	---		0.1318	0.028	0.022	0	0	0.002	0	0	---	---	30
31	---		0.3788		0.011		0	0.001		0.001		---	31
TOTAL	---	---	0.845	5.808	0.873	0.034	0.314	0.025	0.403	0.004	---	---	TOTAL
MEAN	---	---	0.030	0.387	0.028	0.001	0.007	0.001	0.013	0	---	---	MEAN
MAX	---	---	0.378	1.74	0.111	0.011	0.088	0.004	0.081	0.002	---	---	MAX
MIN	---	---	0	0.012	0.004	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.749 ON APR 2
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 03 N
LONG 113 35 55 W
DRAINAGE AREA, 42.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.5
FEB	---	AUG	2.16
MAR	51.9	SEP	34.8
APR	744	OCT	0.35
MAY	75.4	NOV	---
JUN	2.94	DEC	---

TOTAL DISCHARGE, 880 dam³

RED DEER RIVER ABOVE PANTHER RIVER - STATION NO. 05CA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.08A	18.8	13.8	20.0	29.0	18.3	7.68	4.78	---	1
2	---	---	---	3.16	18.3	11.7	22.0	23.4	16.8	7.75	4.73	---	2
3	---	---	---	3.36	12.0	10.4	28.8	21.0	16.3	7.89	4.89	---	3
4	---	---	---	3.46	9.88	12.4	38.8	22.2	13.8	7.83	4.76A	---	4
5	---	---	---	3.64	8.83	18.7	37.8	23.0	13.2	7.61	---	---	5
6	---	---	---	3.83	10.2	23.8	28.1	21.2	14.7	7.22	---	---	6
7	---	---	---	3.80	13.8	22.0	28.5	20.8	13.8	7.01	---	---	7
8	---	---	---	3.44	20.5	22.8	25.4	22.1	12.8	6.74	---	---	8
9	---	---	---	3.10	25.3	24.3	23.0	21.1	12.7	6.42	---	---	9
10	---	---	---	3.02	22.8	28.0	22.0	28.2	12.5	6.16	---	---	10
11	---	---	---	3.05	16.5	21.3	19.7	25.5	13.1	6.10	---	---	11
12	---	---	---	2.93	20.7	18.5	18.4	18.7	13.2	5.84	---	---	12
13	---	---	---	2.90	21.2	23.7	18.3	18.0	13.7	5.77	---	---	13
14	---	---	---	3.06	18.9	25.4	20.8	18.3	13.8	5.74	---	---	14
15	---	---	---	3.12	14.7	26.7	22.3	16.2	14.1	5.78	---	---	15
16	---	---	---	3.10	14.4	36.5	19.8	17.6	13.1	5.88	---	---	16
17	---	---	---	3.02	12.7	41.2	17.3	18.8	10.8	5.88	---	---	17
18	---	---	---	3.09	13.0	28.8	16.8	18.4	9.83	5.42	---	---	18
19	---	---	---	2.88	12.8	26.7	18.4	14.8	9.02	5.34	---	---	19
20	---	---	---	3.00	11.3	27.1	18.3	15.4	8.48	5.20	---	---	20
21	---	---	---	3.13	10.4	28.8	18.8	15.2	8.23	5.28	---	---	21
22	---	---	---	3.17	8.54	27.1	26.3	14.3	9.09	5.01	---	---	22
23	---	---	---	3.09	9.03	21.7	28.7	13.9	8.71	4.89	---	---	23
24	---	---	---	3.12	8.81	17.8	27.8	13.8	8.81	5.01	---	---	24
25	---	---	---	3.15	8.04	15.9	26.8	13.7	9.81	4.91	---	---	25
26	---	---	---	3.17	8.93	16.2	30.0	13.3	10.9	4.62	---	---	26
27	---	---	---	3.34	11.7	18.2	28.0	13.1	10.3	4.80	---	---	27
28	---	---	---	3.81	14.0	18.8	26.3	13.4	8.87	4.78	---	---	28
29	---		---	5.58	16.2	19.8	27.8	13.8	8.28	4.81	---	---	29
30	---		---	6.80	18.4	20.4	27.7	13.3	7.88	4.84	---	---	30
31	---		---		15.4		28.5	13.3		4.80	---	---	31
TOTAL	---	---	---	103.89	440.87	688.4	787.8	581.4	352.48	182.81	---	---	TOTAL
MEAN	---	---	---	3.48	14.2	22.3	24.8	18.1	11.7	5.90	---	---	MEAN
MAX	---	---	---	6.80	25.3	41.2	37.8	28.0	16.5	7.89	---	---	MAX
MIN	---	---	---	2.90	8.81	10.4	18.8	13.1	7.88	4.78	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.4
MAXIMUM DAILY, 41.2 ON JUN 17
MINIMUM DAILY, 2.90 ON APR 13
MAXIMUM INSTANTANEOUS,
81.1 AT 02:04 MST ON JUN 17

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 33 N
LONG 115 24 23 W
DRAINAGE AREA, 841 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	68 300
FEB	---	AUG	48 500
MAR	---	SEP	30 500
APR	5 980	OCT	15 800
MAY	38 100	NOV	---
JUN	57 700	DEC	---

TOTAL DISCHARGE, 265 000 dam³

RED DEER RIVER AT DRUMHELLER - STATION NO 05CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.28	18.68	18.48	80.6B	34.8E	24.6A	29.8	71.8	54.9	32.0	21.0	12.5 B	1
2	18.78	18.58	18.98	81.1B	34.0E	25.6	29.2	70.6	55.2	32.2	21.1	8.538	2
3	17.18	18.38	20.58	85.3B	37.0E	23.1	28.7	70.5	58.2	32.1	21.7	10.4 B	3
4	17.88	18.68	20.38	118 B	38.8A	24.1	40.7	70.8	54.3	32.7	22.4	11.4 B	4
5	18.68	18.38	20.48	121 B	48.8	27.4	34.5	70.8	49.5	29.2	21.8	10.3 B	5
6	18.28	18.38	21.18	140 B	60.0	27.4	41.4	65.3	55.8	27.4	22.4	10.3 B	6
7	17.88	18.18	22.38	153 A	52.8	27.3	44.5	58.5	55.0	26.6	21.8	10.8 B	7
8	17.08	18.88	22.08	125	48.2	27.0	42.1	58.1	58.1	26.2	21.5	8.278	8
9	16.98	18.88	21.28	142	38.7	26.4	44.8	55.9	53.2	26.2	21.5	9.658	9
10	18.78	18.18	20.78	170	37.2E	26.4	77.8	52.8	48.8	26.2	21.1	8.508	10
11	17.08	18.28	20.28	118	40.0A	34.8	57.4	53.8	41.7	26.0	21.3	7.708	11
12	18.78	18.38	20.48	95.6	44.0	39.2	65.0	50.8	40.1	25.2	21.4	7.008	12
13	18.38	18.48	20.38	81.6	58.1	37.7	64.1	52.8	38.8	23.8	21.3	8.008	13
14	18.38	18.88	20.68	76.6	57.3	37.0	51.8	71.3	38.4	23.5	21.8	8.838	14
15	17.88	18.88	21.28	88.9	48.8	36.6	47.8	78.0	38.3	23.7	20.8 B	10.5 B	15
16	18.78	18.68	22.18	86.7	48.4	37.0	47.8	78.3	38.7	23.3	20.1 B	8.308	16
17	19.38	20.18	23.68	48.6	48.6	36.2	46.3	61.8	38.5	22.8	14.4 B	11.8 B	17
18	14.38	20.08	23.88	46.6	44.0	38.7	38.4	62.2	38.5	21.6	15.6 B	13.5 B	18
19	17.78	20.28	24.78	48.2	43.0	51.0	43.1	82.1	37.7	21.3	12.2 B	14.4 B	19
20	18.88	20.08	28.38	44.4	44.6	70.2	48.5	61.0	34.8	20.5	15.4 B	13.9 B	20
21	18.38	19.78	24.88	41.8	44.3	88.3	49.8	60.8	33.8	20.6	18.7 B	13.3 B	21
22	17.78	20.38	23.88	40.8	43.4	88.3	54.8	78.8	33.2	20.8	27.0 B	13.3 B	22
23	17.88	20.78	23.68	40.1	42.1	84.3	58.0	70.4	32.8	20.2	23.8 B	13.8 B	23
24	17.68	20.78	23.28	43.8	34.7A	80.5	85.4	64.3	28.7	20.8	19.8 B	15.3 B	24
25	18.28	20.88	24.48	46.7	31.2E	41.1	81.1	63.1	28.2	20.8	17.2 B	14.8 B	25
26	17.68	20.38	26.38	44.6	28.6A	40.5	84.4	59.8	23.5	20.9	16.9 B	14.3 B	26
27	16.08	19.68	27.38	42.1	28.1A	40.2	88.0	54.2	23.2	20.8	14.8 B	14.0 B	27
28	18.18	18.48	28.68	39.4A	28.6A	31.8	84.5	49.3	25.0	20.6	9.80B	13.9 B	28
29	16.18		28.78	38.0E	27.6A	27.8	81.0	84.1	28.8	20.4	12.7 B	14.3 B	29
30	17.78		28.48	38.0E	25.4A	29.3	88.5	88.3	27.9	20.5	13.3 B	12.8 B	30
31	16.18		28.68		23.8A		78.8	88.8		20.8		13.3 B	31
TOTAL	542.9	544.5	712.8	2 261.8	1 285.8	1 119.8	1 883.8	2 042.1	1 217.8	748.8	574.20	389.01	TOTAL
MEAN	17.5	18.4	23.0	75.4	40.8	37.3	60.8	65.8	40.8	24.2	18.1	11.8	MEAN
MAX	19.2	20.7	28.6	170	80.0	70.3	85.0	82.2	58.2	32.7	27.0	15.3	MAX
MIN	14.2	18.3	18.6	38.0	23.8	23.1	28.2	48.3	23.2	20.2	9.80	7.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.6
MAXIMUM DAILY, 170 ON APR 10
MINIMUM DAILY, 7.008 ON DEC 12
MAXIMUM INSTANTANEOUS,
315 AT 05:32 MST ON APR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 08 N
LONG 112 42 30 W
DRAINAGE AREA, 24 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 500	JUL	183 000
FEB	47 000	AUG	178 000
MAR	81 500	SEP	105 000
APR	188 000	OCT	84 700
MAY	109 000	NOV	49 800
JUN	98 800	DEC	31 000

TOTAL DISCHARGE, 1 180 000 dam³

RED DEER RIVER AT RED DEER - STATION NO. 05CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.6B	18.1B	19.1B	34.1B	27.2	19.6	28.1	71.7	53.4	31.2	19.6	19.1B	1
2	18.6B	18.1B	19.1B	38.0B	32.4	23.6	26.0	71.4	47.7	31.1	19.7	19.0B	2
3	18.4B	18.1B	19.1B	52.6	41.0	24.2	27.9	70.7	44.2	36.3	19.6	19.0B	3
4	18.2B	18.1B	19.2B	64.2	57.5	24.6	35.7	68.5	54.2	25.1	20.2	19.0	4
5	18.0B	18.1B	19.3B	83.7	51.5	24.6	85.6	64.3	56.3	24.4	20.4	18.7	5
6	17.8B	18.2B	19.6B	83.1	44.9	24.7	78.0	53.6	58.2	24.5	20.6	18.6	6
7	17.8B	18.2B	19.8B	74.3	33.6	24.5	68.6	51.6	58.3	24.6	20.5	18.6	7
8	17.8B	18.2B	20.0B	80.6	28.3	26.7	69.6	45.6	47.4	24.3	20.3	18.6	8
9	17.8B	18.2B	20.1B	77.4	36.3	36.8	73.2	45.6	39.6	24.4	20.3	18.6B	9
10	17.8B	18.2B	20.2B	73.5	39.0	37.9	70.6	46.9	38.6	22.5	20.2	18.1B	10
11	17.8B	18.2B	20.2B	80.1	68.7	37.8	69.3	46.8	37.7	22.0	20.3	17.8B	11
12	17.8B	18.3B	21.6B	84.4	69.3	37.4	59.3	51.9	36.5	22.0	20.4	17.1B	12
13	17.8B	18.3B	22.6B	80.2	49.1	37.3	51.7	64.0	38.3	21.9	20.3	16.4B	13
14	17.8B	18.3B	22.6B	62.3	47.8	37.0	51.7	68.5	38.9	21.8	20.6	16.0B	14
15	17.6B	18.3E	22.3B	37.6	46.5	36.6	49.5	76.1	38.6	20.5	19.6	15.6B	15
16	17.8B	18.3B	22.1B	34.6	42.6	36.6	37.0	77.9	38.6	19.6	19.1	15.2B	16
17	17.8B	18.4B	22.4B	32.6	42.3	42.9	36.3	78.6	38.2	18.9	17.8B	15.3B	17
18	17.8B	18.4B	22.3B	32.4	42.6	74.1	44.7	79.5	34.1	18.6	18.0B	15.4B	18
19	17.8B	18.7B	22.4B	31.1	42.9	76.3	49.3	79.9	33.4	18.6	19.5	15.4B	19
20	17.8B	19.1B	23.4B	29.6	42.2	69.6	66.6	79.2	33.4	18.6	19.4	15.6B	20
21	17.8B	19.1B	23.7B	29.9	41.7	66.6	69.3	76.6	32.8	18.6	19.6	15.6B	21
22	17.8B	19.1B	23.6B	33.6	26.4	66.6	83.1	65.2	28.9	18.6	19.6	15.6B	22
23	18.0B	19.1B	23.7B	36.6	24.1	62.6	74.3E	63.4	22.4	18.6	19.3	15.6B	23
24	18.0B	19.1B	23.8B	36.7	23.7	62.0	90.1E	61.7	21.9	18.6	19.0	15.7B	24
25	18.0B	19.1B	24.0B	33.6	25.1	61.6	89.7E	66.2	22.1	18.6	19.2	15.6B	25
26	18.0B	19.1B	23.9B	30.6	23.4	29.3	86.6E	48.6	25.9	18.7	18.9	15.6B	26
27	18.0B	19.1B	23.3B	29.3	21.9	26.6	86.6E	46.3	26.5	18.7	19.3	15.9B	27
28	18.0B	19.1B	22.9B	28.1	20.1	26.3	86.6A	54.5	28.7	18.6	19.3B	15.9B	28
29	18.0B		25.7B	27.6	18.7	27.6	86.0	56.6	30.7	19.0	19.2B	16.0B	29
30	18.0B		27.7B	27.1	21.4	28.3	72.6	54.5	30.5	19.5	19.2B	16.0B	30
31	18.0B		35.1B		20.3		72.4	54.1		19.6		16.1B	31
TOTAL	557.3	518.6	695.0	1 343.0	1 135.7	1 127.5	1 986.6	1 920.5	1 133.2	666.2	589.4	521.3	TOTAL
MEAN	18.0	18.5	22.4	44.8	36.6	37.6	63.4	62.0	37.8	21.6	19.6	16.6	MEAN
MAX	18.6	19.1	35.1	80.5	69.3	76.3	90.1	79.5	58.2	31.2	20.6	19.1	MAX
MIN	17.6	18.1	19.1	27.1	19.7	19.6	27.9	46.6	21.9	18.6	17.6	15.2	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.4
MAXIMUM DAILY, 90.1E ON JUL 24
MINIMUM DAILY, 15.2B ON DEC 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 36 N
LONG 113 48 57 W
DRAINAGE AREA, 11 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 200	JUL	170 000
FEB	44 800	AUG	168 000
MAR	60 000	SEP	97 900
APR	116 000	OCT	57 700
MAY	98 100	NOV	50 800
JUN	97 400	DEC	45 000

TOTAL DISCHARGE, 1 050 000 dam³

RED DEER RIVER BELOW BURNT TIMBER CREEK - STATION NO. 05CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10B	6.65B	5.00B	7.30B	29.6	22.0	28.7	49.9	28.4	16.4	10.8	7.62B	1
2	7.20B	6.50B	5.05B	7.82B	33.6	18.6	30.2	42.4	29.9	16.2	10.8	6.36B	2
3	7.10B	6.65B	5.30B	8.31B	21.7	18.3	35.6	38.3	31.6	16.2	10.8	9.34B	3
4	6.80B	6.75B	5.20B	8.35B	17.3	19.9	56.7	36.6	27.9	16.1	10.6	9.31B	4
5	6.64B	6.95B	5.80B	8.02B	15.6	25.4	64.1	39.9	26.5	15.6	10.5	7.81B	5
6	6.60B	6.80B	5.70B	7.64B	17.1	34.6	63.9	36.0	30.6	15.2	10.3	7.33B	6
7	6.60B	6.80B	5.90B	7.56B	21.6	32.6	51.5	35.6	28.5	15.0A	9.72	6.26B	7
8	6.60B	6.70B	5.30B	7.40B	30.7	32.3	44.3	35.7	26.6	14.6E	9.84	7.73B	8
9	6.70B	6.60B	5.10B	7.47	38.2	34.6	39.6	34.7	25.6	13.9E	10.0	8.06B	9
10	6.90B	6.50B	5.05B	7.06	34.7	36.7	38.3	41.6	25.4	13.6E	10.1	8.69B	10
11	7.20B	6.35B	5.15B	7.16	26.4	32.3	36.3	47.2	24.9	13.2E	10.1	7.36B	11
12	7.15B	6.20B	5.20B	6.65	30.2	28.9	33.6	38.3	24.6	13.0E	9.66	7.32B	12
13	6.80B	6.05B	5.15B	6.65	33.1	33.3	32.6	40.6	24.6	12.6A	9.26	6.31B	13
14	6.50B	6.00B	5.10B	7.19	25.4	35.1	33.3	41.6	24.6	12.5	9.66	4.48B	14
15	6.30B	6.00B	5.05B	7.56	24.0	36.2	34.6	43.2	24.6	12.6	8.69B	4.65C	15
16	6.05B	6.15B	5.20B	7.66	23.7	46.6	32.4	42.2	22.8	12.6	8.15B	4.20B	16
17	6.20B	6.10B	5.30B	7.37	21.4	72.6	29.7	41.0	21.0	12.8	7.15B	2.90B	17
18	6.35B	6.00B	5.35B	7.12	21.1	47.6	30.2	37.9	19.6	11.7	8.33B	2.96B	18
19	6.45B	5.95B	5.30B	6.38	21.7	41.6	42.7	35.4	18.6	12.1	8.86B	3.26B	19
20	6.55B	5.85B	5.25B	6.60	19.1	41.9	46.1	37.3	18.2	11.6	8.97B	3.30B	20
21	6.60B	5.85B	5.20B	7.26	18.1	46.6	44.2	35.6	17.7	12.0	8.69B	3.38B	21
22	6.65B	5.60B	5.20B	7.74	17.0	40.7	67.7	33.2	16.0	11.1	8.34B	3.30B	22
23	6.85B	5.15B	5.25B	7.14	18.2	33.3	68.7	32.2	16.5	10.8	7.97B	3.25B	23
24	6.85B	5.00B	5.35B	7.25	16.9	26.4	62.5	32.6	16.7	11.5	7.67B	3.40B	24
25	6.55B	4.80B	5.40B	7.43	18.1	26.3	56.5	32.7	16.5	11.8	8.43B	5.20B	25
26	6.62B	5.00B	5.35B	7.49	16.9	24.9	62.3	31.1	20.4	11.1	7.24B	4.70B	26
27	6.62B	5.00B	5.25B	7.89	18.9	26.1	58.4	28.7	21.0	11.1	7.74B	4.10B	27
28	6.70B	5.00B	4.85B	8.32	22.2	28.9	52.6	29.0	18.5	11.0	7.30B	3.80B	28
29	6.75B		5.15B	12.4	25.6	28.3	50.6	28.8	17.5	10.9	6.78B	3.10B	29
30	6.80B		5.40B	16.6	24.7	28.9	49.5	28.2	16.6	11.0	7.02B	2.80B	30
31	6.80B		5.00B		24.4		48.6	27.4		10.9		2.85B	31
TOTAL	207.26	166.85	166.85	238.02	724.0	1 007.0	1 427.9	1 140.5	691.2	400.9	270.24	167.85	TOTAL
MEAN	6.69	6.02	5.39	7.93	23.4	33.6	46.1	36.8	23.0	12.9	9.01	5.41	MEAN
MAX	7.20	6.95	6.80	16.6	38.2	72.6	68.7	49.9	31.6	16.4	10.8	9.36	MAX
MIN	6.05	4.80	4.85	6.38	15.6	18.3	28.7	27.4	16.5	10.6	6.78	2.80	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.1
MAXIMUM DAILY, 72.6 ON JUN 17
MINIMUM DAILY, 2.80B ON DEC 30
MAXIMUM INSTANTANEOUS,
84.7 AT 09:21 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 02 N
LONG 115 01 00 W
DRAINAGE AREA, 2 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 900	JUL	123 000
FEB	14 900	AUG	88 500
MAR	14 400	SEP	59 700
APR	20 600	OCT	34 600
MAY	62 600	NOV	23 300
JUN	87 000	DEC	14 500

TOTAL DISCHARGE, 571 000 dam³

RED DEER RIVER NEAR BINDLOSS - STATION NO. 05CK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.38	16.88	19.19	72.78	41.7	38.0	48.0	102	58.3	29.8	21.8	13.8 B	1
2	18.98	17.48	19.28	86.78	39.1	38.4	36.8	95.8	52.8	30.1	21.4	13.8 B	2
3	18.78	17.28	18.88	82.68	37.1	36.1	37.4	86.3	53.8	32.0	21.2	14.2 B	3
4	18.48	17.18	19.28	87.6	35.8	35.1	35.8	80.7	53.2	31.8	20.8	14.4 B	4
5	18.19	17.28	18.88	81.0	34.4	33.8	36.8	78.8	57.6	38.1	21.0	14.7 B	5
6	17.78	17.28	21.78	126	33.7	33.3	42.3	78.4	62.1	38.6	21.3	14.7 B	6
7	17.28	16.88	23.19	173	34.6	31.1	88.7	80.8	88.7	38.7	21.6	14.8 B	7
8	16.18	16.88	23.48	188	37.1	31.6	57.1	81.2	58.8	38.8	22.2	14.8 B	8
9	16.28	16.88	23.58	188	47.8	35.5	52.0	77.1	58.8	38.7	22.2	13.8 B	9
10	16.88	16.78	24.38	184	53.2	34.4	67.7	88.3	58.0	33.8	22.8	14.0 B	10
11	16.88	16.78	23.28	141	48.8	33.3	93.4	88.8	58.3	32.5	22.4	13.8 B	11
12	17.88	16.88	22.08	181	43.4	31.0	100	88.3	58.8	32.1	21.8	13.8 B	12
13	16.88	17.08	21.88	158	38.8	28.8	98.8	86.4	53.7	32.8	21.7	10.7 B	13
14	15.78	16.88	22.78	123	34.0	28.1	84.0	87.4	48.1	33.0	21.8	8.14B	14
15	15.28	16.78	22.88	102	38.0	35.2	78.8	88.7	46.7	32.3	21.8	10.3 B	15
16	15.38	16.78	21.88	81.6	47.8	37.7	74.8	75.8	44.2	32.1	20.8	11.3 B	16
17	15.48	16.88	22.18	83.7	58.4	38.4	87.4	81.1	43.2	31.3	17.48	10.8 B	17
18	16.48	16.88	23.18	78.8	54.6	40.2	88.4	103	42.4	30.4	15.38	10.3 B	18
19	16.88	16.88	24.38	71.8	50.1	43.1	89.3	88.4	42.3	30.8	15.48	10.8 B	19
20	16.88	16.88	25.88	81.6	46.8	45.7	81.4	100	41.8	29.8	14.28	11.7 B	20
21	15.88	17.08	25.88	88.4	47.0	55.8	88.5	88.4	40.7	27.8	14.78	11.7 B	21
22	14.48	16.88	24.08	84.4	46.8	58.4	80.8	87.1	40.0	28.2	16.88	11.1 B	22
23	14.18	17.28	25.48	82.7	47.4	76.3	80.8	83.7	39.7	28.3	18.88	10.8 B	23
24	15.88	17.68	27.28	80.3	80.1	83.3	83.8	81.8	37.8	23.8	15.88	11.8 B	24
25	16.38	17.78	30.78	47.1	49.8	72.8	88.8	88.0	36.8	23.1	15.08	12.3 B	25
26	16.88	17.78	38.28	44.8	48.8	88.8	71.4	83.8	36.8	22.7	13.88	12.7 B	26
27	16.48	16.88	41.88	44.3	48.2	82.8	78.4	75.4	36.2	22.3	13.68	13.2 B	27
28	16.38	16.78	41.08	47.2	48.1	86.8	86.8	72.0	33.6	22.2	13.18	12.7 B	28
29	16.18		48.48	47.4	41.1	48.8	112	88.8	31.7	22.2	13.18	12.7 B	29
30	15.88		57.18	44.8	39.2	47.8	110	85.1	30.1	22.0	13.28	12.8 B	30
31	16.88		78.88		38.6		108	80.7		21.7		12.2 B	31
TOTAL	513.4	478.8	875.8	2 728.4	1 389.9	1 334.8	2 123.7	2 535.1	1 488.3	914.2	595.4	387.84	TOTAL
MEAN	16.6	17.1	28.3	91.0	43.9	44.5	68.5	81.8	49.8	29.5	19.5	12.6	MEAN
MAX	19.3	18.7	78.8	188	58.4	83.3	112	103	82.1	38.8	22.8	14.7	MAX
MIN	14.1	16.8	18.8	44.3	33.7	28.8	38.8	80.7	30.1	21.7	13.1	8.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.8
MAXIMUM DAILY, 188 ON APR 4
MINIMUM DAILY, 8.148 ON DEC 14
MAXIMUM INSTANTANEOUS,
212 AT 18:30 MST ON APR 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 110 17 50 W
DRAINAGE AREA, 44 700 km²

B - ICE CONDITIONS

REGULATED SINCE 1906

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 400	JUL	183 000
FEB	41 400	AUG	219 000
MAR	75 700	SEP	128 000
APR	236 000	OCT	79 000
MAY	117 000	NOV	48 000
JUN	115 000	DEC	33 500

TOTAL DISCHARGE, 1 320 000 dam³

REDEARTH CREEK NEAR RED EARTH CREEK - STATION NO. 07JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	0.0608	0.0788	2.23	1.48	1.78	1.14	1.84	0.738	0.8288	---	1
3	---	---	0.0588	0.0808	2.30	1.83	1.74	1.78	1.47	0.782	0.8108	---	2
4	---	---	0.0568	0.0728	2.33	2.26	1.87	2.13	1.42	0.738	0.8008	---	3
5	---	---	0.0548	0.0678	2.33	2.88	1.81	2.71	1.37	0.731	---	---	4
6	---	---	0.0548	0.0788	2.34	3.32	1.83	3.58	1.31	0.708	---	---	5
7	---	---	0.0548	0.1388	2.28	3.87	1.43	4.15	1.24	0.686	---	---	6
8	---	---	0.0548	0.2188	2.23	4.03	1.32	4.34	1.18	0.685	---	---	7
9	---	---	0.0558	0.3118	2.18	4.08	1.28	4.13	1.10	0.658	---	---	8
10	---	---	0.0568	0.3848	2.11	4.05	1.18	3.78	1.02	0.648	---	---	9
11	---	---	0.0578	0.5868	2.14	3.88	1.03	4.28	0.926	0.655	---	---	10
12	---	---	0.0588	0.6368	2.14	3.81	0.920	5.52	0.821	0.648	---	---	11
13	---	---	0.0588	1.00 B	2.15	3.80	0.818	8.38	0.704	0.637	---	---	12
14	---	---	0.0588	1.28 B	2.10	3.42	0.788	7.10	0.637	0.640	---	---	13
15	---	---	0.0608	1.27 B	2.08	3.11	0.703	7.71	0.583	0.641	---	---	14
16	---	---	0.0608	1.77 B	1.88	2.85	0.820	8.07	0.868	0.627	---	---	15
17	---	---	0.0608	1.98 B	1.88	2.63	0.813	8.20	0.867	0.604	---	---	16
18	---	---	0.0608	1.68 B	1.80	2.31	0.817	8.01	0.877	0.578	---	---	17
19	---	---	0.0608	2.71 B	1.68	2.14	0.572	7.80	1.04	0.552	---	---	18
20	---	---	0.0608	2.88 B	1.68	2.01	0.483	8.68	1.11	0.538	---	---	19
21	---	---	0.0608	2.84	1.61	1.83	0.438	8.02	1.11	0.521	---	---	20
22	---	---	0.0608	2.88	1.78	1.83	0.400	5.21	1.08	0.518	---	---	21
23	---	---	0.0628	2.47	1.73	1.89	0.385	4.88	1.08	0.512	---	---	22
24	---	0.0688	0.0648	2.39	1.88	1.86	0.380	3.85	0.982	0.513	---	---	23
25	---	0.0678	0.0678	2.30	1.83	1.88	0.383	3.48	0.941	0.520	---	---	24
26	---	0.0858	0.0708	2.24	1.58	1.87	0.312	3.19	0.918	0.527	---	---	25
27	---	0.0648	0.0758	2.22	1.52	1.85	0.273	2.78	0.888	0.514	---	---	26
28	---	0.0628	0.0728	2.21	1.46	1.84	0.249	2.37	0.858	0.507	---	---	27
29	---		0.0688	2.21	1.37	1.86	0.272	3.04	0.820	0.512	---	---	28
30	---		0.0648	2.21	1.33	1.82	0.278	1.83	0.803	0.518	---	---	29
31	---		0.0728	2.22	1.31	1.81	0.282	1.71	0.704	0.528	---	---	30
					1.34		0.449	1.82		0.547		---	31
TOTAL	---	---	1.895	62.810	58.88	77.80	34.713	138.04	30.188	18.877	---	---	TOTAL
MEAN	---	---	0.061	1.43	1.90	2.58	0.787	4.38	1.01	0.802	---	---	MEAN
MAX	---	---	0.075	2.71	2.34	4.08	1.78	8.20	1.84	0.782	---	---	MAX
MIN	---	---	0.054	0.067	1.31	1.48	0.249	1.14	0.583	0.507	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.60
MAXIMUM DAILY, 8.20 ON AUG 18
MINIMUM DAILY, 0.0548 ON MAR 4
MAXIMUM INSTANTANEOUS,
8.31 AT 08:30 MST ON AUG 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 40 N
LONG 115 14 20 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 140
FEB	---	AUG	11 800
MAR	184	SEP	3 810
APR	3 700	OCT	1 810
MAY	8 100	NOV	---
JUN	8 700	DEC	---

TOTAL DISCHARGE, 33 800 dam³

REDEARTH CREEK NEAR THE MOUTH - STATION NO. 06EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.38	7.13	6.37	5.95	3.84	1.98	---	---	1
2	---	---	---	---	3.86	8.06	6.67	5.10	3.14	1.98	---	---	2
3	---	---	---	---	3.48	6.88	7.18	4.81	3.80	1.87	---	---	3
4	---	---	---	---	3.16	8.09	7.25	4.32	2.82	1.57	---	---	4
5	---	---	---	---	3.11	9.61	7.83	4.45	2.74	1.60	---	---	5
6	---	---	---	---	3.75	12.9	7.84	4.21	2.78	1.46	---	---	6
7	---	---	---	---	6.29	11.7	8.84	4.04	2.80	1.42	---	---	7
8	---	---	---	---	7.72	11.1	8.41	4.09	2.48	1.37	---	---	8
9	---	---	---	---	10.2	11.2	5.98	4.22	2.40	1.33	---	---	9
10	---	---	---	---	10.6	11.3	5.83	4.83	2.38	1.28	---	---	10
11	---	---	---	---	9.84	9.63	4.98	4.77	2.34	1.27	---	---	11
12	---	---	---	---	14.8	9.28	4.65	3.92	2.35	1.28	---	---	12
13	---	---	---	---	13.3	9.26	4.48	3.93	2.38	1.23	---	---	13
14	---	---	---	---	10.5	9.38	4.73	3.83	2.38	1.20	---	---	14
15	---	---	---	---	9.79	9.68	5.03	3.89	2.50	1.22	---	---	15
16	---	---	---	---	9.28	13.4	4.78	3.78	2.31	1.18	---	---	16
17	---	---	---	---	8.53	12.3	4.41	3.62	2.04	1.16	---	---	17
18	---	---	---	---	8.47	9.89	4.09	3.29	1.82	1.13	---	---	18
19	---	---	---	---	7.80	8.64	4.33	3.18	1.84	1.10	---	---	19
20	---	---	---	---	8.58	9.38	4.14	4.09	1.74	1.08	---	---	20
21	---	---	---	---	5.80	11.5	3.88	3.88	1.71	1.11	---	---	21
22	---	---	---	---	5.14	10.3	3.88	3.37	1.73	1.07	---	---	22
23	---	---	---	---	4.70	8.32	4.38	3.18	1.78	1.08	---	---	23
24	---	---	---	---	4.58	6.86	5.78	3.27	1.73	1.10	---	---	24
25	---	---	---	---	4.81	6.02	5.70	3.18	1.78	1.11	---	---	25
26	---	---	---	---	5.89	5.95	5.88	3.05	2.07	1.10	---	---	26
27	---	---	---	0.617A	5.51	5.41	5.72	2.97	2.00	1.08	---	---	27
28	---	---	---	0.834	7.76	5.80	5.72	2.93	1.84	1.09	---	---	28
29	---		---	1.29	6.58	5.50	5.64	2.93	1.73	1.14	---	---	29
30	---		---	2.08	6.44	5.41	5.83	2.80	1.88	1.15A	---	---	30
31	---		---		6.44		5.15	2.78		1.10E		---	31
TOTAL	---	---	---	---	223.96	269.75	171.36	118.08	87.54	38.63	---	---	TOTAL
MEAN	---	---	---	---	7.22	8.99	5.53	3.81	2.25	1.25	---	---	MEAN
MAX	---	---	---	---	14.8	13.4	7.83	5.95	3.50	1.59	---	---	MAX
MIN	---	---	---	---	3.11	5.89	3.88	2.78	1.88	1.08	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.83
MAXIMUM DAILY, 14.9 ON MAY 12
MINIMUM DAILY, 1.08 ON OCT 23
MAXIMUM INSTANTANEOUS,
17.8 AT 14:25 MST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 13 22 N
LONG 115 48 40 W
DRAINAGE AREA, 147 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 14 800	
FEB	---	AUG 10 200	
MAR	---	SEP 8 840	
APR	---	OCT 3 340	
MAY 19 300		NOV ---	
JUN 23 300		DEC ---	

TOTAL DISCHARGE, 78 800 dam³

REDWATER RIVER NEAR THE MOUTH - STATION NO. 06EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0328	0.1198	2.92	0.685	0.153	0.074	0.074	0.092	---	---	1
2	---	---	0.0318	0.2508	2.84	0.856	0.138	0.088	0.077	0.089	---	---	2
3	---	---	0.0328	2.82 B	2.84	0.583	0.133	0.098	0.148	0.087	---	---	3
4	---	---	0.0328	4.38 B	2.62	0.552	0.123	0.098	0.188	0.083	---	---	4
5	---	---	0.0338	3.48 B	2.46	0.835	0.117	0.101	0.188	0.080	---	---	5
6	---	---	0.0338	3.85 B	2.32	0.589	0.118	0.091	0.211	0.079	---	---	6
7	---	---	0.0348	3.96 B	2.24	0.488	0.113	0.075	0.288	0.081	---	---	7
8	---	---	0.0388	4.77 B	2.17	0.415	0.109	0.081	0.271	0.081	---	---	8
9	---	---	0.0378	5.40 B	2.07	0.373	0.105	0.059	0.206	0.081	---	---	9
10	---	---	0.0398	5.88 B	2.04	0.314	0.098	0.058	0.172	0.083	---	---	10
11	---	---	0.0398	8.78 B	1.91	0.267	0.091	0.089	0.175	0.084	---	---	11
12	---	---	0.0398	11.6 B	1.90	0.247	0.086	0.075	0.191	0.081	---	---	12
13	---	---	0.0388	13.8 B	1.75	0.465	0.079	0.073	0.182	0.074	---	---	13
14	---	---	0.0418	10.1 B	1.62	0.437	0.075	0.063	0.158	0.088	---	---	14
15	---	---	0.0438	8.36	1.57	0.323	0.070	0.058	0.134	0.068	---	---	15
16	---	---	0.0448	7.70	1.48	0.238	0.068	0.062	0.121	0.088	---	---	16
17	---	---	0.0468	7.06	1.31	0.192	0.059	0.068	0.118	0.072	---	---	17
18	---	---	0.0488	6.51	1.21	0.168	0.053	0.078	0.154	0.058	---	---	18
19	---	---	0.0488	6.09	1.21	0.145	0.058	0.068	0.144	0.051	---	---	19
20	---	---	0.0478	5.68	1.18	0.142	0.052	0.070	0.140	0.052	---	---	20
21	---	---	0.0488	5.31	1.17	0.144	0.052	0.072	0.133	0.052	---	---	21
22	---	---	0.0488	4.94	1.38	0.127	0.053	0.073	0.123	0.053	---	---	22
23	---	---	0.0488	4.66	1.40	0.120	0.060	0.072	0.118	0.053	---	---	23
24	---	0.0308	0.0488	4.33	1.38	0.115	0.053	0.071	0.111	0.054	---	---	24
25	---	0.0278	0.0508	4.08	1.24	0.133	0.048	0.083	0.109	0.054	---	---	25
26	---	0.0288	0.0528	3.82	1.10	0.183	0.038	0.081	0.105	0.051	---	---	26
27	---	0.0318	0.0528	3.63	0.940	0.184	0.029	0.080	0.101	0.050	---	---	27
28	---	0.0328	0.0548	3.46	0.822	0.167	0.028	0.088	0.100	0.048	---	---	28
29	---		0.0558	3.28	0.858	0.180	0.022	0.070	0.088	0.048A	---	---	29
30	---		0.0558	3.11	0.802	0.159	0.021	0.073	0.095	0.050E	---	---	30
31	---		0.0588		0.721		0.037	0.078		0.050E		---	31
TOTAL	---	---	1.378	181.629	61.133	9.317	3.342	2.241	4.391	2.078	---	---	TOTAL
MEAN	---	---	0.044	5.38	1.98	0.311	0.078	0.072	0.148	0.087	---	---	MEAN
MAX	---	---	0.058	13.8	2.92	0.685	0.153	0.101	0.288	0.092	---	---	MAX
MIN	---	---	0.031	0.119	0.721	0.115	0.021	0.052	0.074	0.048	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.857
MAXIMUM DAILY, 13.88 ON APR 13
MINIMUM DAILY, 0.021 ON JUL 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 49 N
LONG 112 59 48 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 202	
FEB	---	AUG 184	
MAR	118	SEP 379	
APR 14 000		OCT 180	
MAY 4 420		NOV ---	
JUN 805		DEC ---	

TOTAL DISCHARGE, 20 300 dam³

REDWATER RIVER NEAR VIMY - STATION NO. 05EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0088 B	0.082	0.183	0.008	0.020E	0.008	0.001	0.001	---	1
2	---	---	0 B	0.3188 B	0.080	0.190	0.008	0.018E	0.018	0.001	0.001A	---	2
3	---	---	0 B	3.36 B	0.081	0.168	0.010	0.010E	0.010	0.001	---	---	3
4	---	---	0 B	7.83 B	0.071	0.228	0.013	0.008E	0.002	0.001	---	---	4
5	---	---	0 B	10.7 B	0.078	0.248	0.012	0.008E	0.002	0.001	---	---	5
6	---	---	0 B	12.3 B	0.078	0.282	0.012	0.004E	0.001	0.001	---	---	6
7	---	---	0 B	8.88	0.088	0.260	0.011	0.003E	0.001	0.001	---	---	7
8	---	---	0 B	9.18	0.083	0.241	0.008	0.003E	0.001	0.001	---	---	8
9	---	---	0 B	8.88	0.080	0.218	0.010	0.002E	0.001	0.001	---	---	9
10	---	---	0 B	8.80	0.072	0.227	0.008	0.008E	0.001	0.001	---	---	10
11	---	---	0 B	8.84	0.078	0.208	0.007	0.004E	0.001	0.001	---	---	11
12	---	---	0 B	7.27	0.082	0.188	0.008	0.002E	0.001	0.001	---	---	12
13	---	---	0 B	5.61	0.083	0.154	0.004	0.001E	0.001	0.001	---	---	13
14	---	---	0 B	4.08	0.082	0.138	0.004	0.001E	0.001	0.001	---	---	14
15	---	---	0 B	2.83	0.088	0.113	0.004	0.001E	0.001	0.001	---	---	15
16	---	---	0 B	2.10	0.082	0.091	0.004	0.001E	0.001	0.001	---	---	16
17	---	---	0 B	1.85	0.087	0.078	0.004A	0.001A	0.001	0.001	---	---	17
18	---	---	0 B	1.28	0.078	0.064	0.003E	0.001	0.001	0.001	---	---	18
19	---	---	0 B	0.988	0.070	0.036	0.003E	0.001	0.001	0.001	---	---	19
20	---	---	0 B	0.892	0.084	0.023	0.003E	0.002	0.001	0.001	---	---	20
21	---	---	0 B	0.448	0.088	0.018	0.002E	0.006	0.001	0.001	---	---	21
22	---	---	0 B	0.318	0.074	0.015	0.002E	0.005	0.001	0.001	---	---	22
23	---	08	0 B	0.288	0.077	0.012	0.002E	0.004	0.001	0.001	---	---	23
24	---	08	0 B	0.214	0.078	0.008	0.001E	0.003	0.001	0.001	---	---	24
25	---	08	0 B	0.158	0.072	0.007	0.001E	0.002	0.001	0.001	---	---	25
26	---	08	0 B	0.087	0.087	0.008	0.001E	0.001	0.001	0.001	---	---	26
27	---	08	0 B	0.082	0.071	0.004	0.001E	0.001	0.001	0.001	---	---	27
28	---	08	0 B	0.080	0.071	0.002	0.001E	0.003	0.001	0.001	---	---	28
29	---		0 B	0.108	0.073	0.001	0.001E	0.004	0.001	0.001	---	---	29
30	---		0.0018	0.080	0.083	0.003	0.001E	0.003	0.001	0.001	---	---	30
31	---		0.0038		0.088		0.005E	0.002		0.001	---	---	31
TOTAL	---	---	0.004	112.980	2.291	3.388	0.151	0.126	0.058	0.031	---	---	TOTAL
MEAN	---	---	0	3.77	0.074	0.113	0.005	0.004	0.002	0.001	---	---	MEAN
MAX	---	---	0.003	15.7	0.088	0.282	0.013	0.020	0.018	0.001	---	---	MAX
MIN	---	---	0	0.008	0.080	0.001	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 15.78 ON APR 8
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
20.88 AT 14:24 MST ON APR 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 06 39 N
LONG 113 33 58 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.5
FEB	---	AUG	10.5
MAR	0.35	SEP	5.10
APR	5 780	OCT	2.68
MAY	188	NOV	---
JUN	281	DEC	---

TOTAL DISCHARGE, 10 300 dam³

REDWILLOW CREEK NEAR RED WILLOW - STATION NO 05FC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2008	0.275	0.012	0.017	0.001	0.008	0.001	---	---	1
2	---	---	0 B	1.88 B	0.206	0.008	0.012	0.001	0.019	0.004	---	---	2
3	---	---	0 B	4.87 B	0.183	0.013	0.012	0.001	0.108	0.008	---	---	3
4	---	---	0 B	7.88 A	0.148	0.008	0.015	0.002	0.019	0.008	---	---	4
5	---	---	0 B	7.54 A	0.108	0.003	0.018	0.011	0.008	0.008	---	---	5
6	---	---	0 B	5.38	0.082	0.005	0.015	0.010	0.007	0.006	---	---	6
7	---	---	0 B	5.51	0.045	0.012	0.013	0.007	0.013	0.007	---	---	7
8	---	---	0 B	4.78	0.022	0.015	0.009	0.004	0.013	0.007	---	---	8
9	---	---	0 B	3.00 E	0.012	0.013	0.010	0.004	0.012	0.006	---	---	9
10	---	---	0.0308	1.61 A	0.008	0.007	0.007	0.008	0.011	0.008	---	---	10
11	---	---	0.0108	1.00 E	0.008	0.007	0.001	0.004	0.013	0.007	---	---	11
12	---	---	0.0088	0.800E	0.008	0.008	0.001	0.001	0.014	0.004	---	---	12
13	---	---	0 B	0.800E	0.008	0.011	0.001	0.001	0.015	0.005	---	---	13
14	---	---	0 B	0.500E	0.004	0.010	0.002	0.001	0.018	0.007	---	---	14
15	---	---	0 B	0.480E	0.008	0.007	0.003	0.001	0.005	0.008	---	---	15
16	---	---	0 B	0.420E	0.004	0.006	0.003	0.003	0.001	0.008	---	---	16
17	---	---	0 B	0.408E	0.001	0.008	0.007	0.002	0.001	0.005	---	---	17
18	---	---	0 B	0.380E	0.002	0.008	0.008	0.001	0.002	0.004	---	---	18
19	---	---	0 B	0.370E	0.005	0.008	0.014	0.003	0.001	0.005	---	---	19
20	---	---	0 B	0.401	0.001	0.008	0.011	0.010	0.001	0.005	---	---	20
21	---	---	0 B	0.407	0.001	0.005	0.007	0.013	0.003	0.003	---	---	21
22	---	---	0 B	0.422	0.001	0.004	0.004	0.012	0.005	0.003	---	---	22
23	---	08	0 B	0.421	0.001	0.001	0.004	0.011	0.009	0.003	---	---	23
24	---	08	0.0058	0.737	0.003	0.001	0.005	0.008	0.014	0.002	---	---	24
25	---	08	0.0108	0.884	0.005	0.001	0.007	0.007	0.018	0.003	---	---	25
26	---	08	0.0058	0.814	0.012	0.001	0.003	0.005	0.014	0.005A	---	---	26
27	---	08	0 B	0.833	0.014	0.001	0.001	0.005	0.008	0.005E	---	---	27
28	---	08	0 B	0.804	0.012	0.007	0.001	0.005	0.007	0.005E	---	---	28
29	---		0 B	0.402	0.012	0.010	0.001	0.005	0.011	0.005E	---	---	29
30	---		0.0038	0.338	0.015	0.018	0.001	0.005	0.010	0.005E	---	---	30
31	---		0.0108		0.018		0.001	0.005		0.005E	---	---	31
TOTAL	---	---	0.078	83.834	1.228	0.231	0.312	0.171	0.388	0.153	---	---	TOTAL
MEAN	---	---	0.003	1.80	0.040	0.007	0.007	0.006	0.013	0.005	---	---	MEAN
MAX	---	---	0.030	7.88	0.275	0.018	0.017	0.013	0.108	0.007	---	---	MAX
MIN	---	---	0	0.200	0.001	0.001	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.230
MAXIMUM DAILY, 7.88A ON APR 4
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.00E ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 31 16 N
LONG 112 23 13 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	16.3
FEB	---	AUG	14.8
MAR	8.74	SEP	33.8
APR	4 880	OCT	13.2
MAY	105	NOV	---
JUN	19.1	DEC	---

TOTAL DISCHARGE, 4 870 dam³

REDWILLOW RIVER NEAR BEAVERLODGE - STATION NO. 07GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6808	0.6108	0.5418	0.6008	20.0	4.83	0.432	3.21	2.84	0.483	0.380	0.3348	1
2	0.6808	0.6808	0.5068	0.6708	24.6	4.81	0.388	47.4	2.84	0.448	0.378	0.3608	2
3	0.6808	0.6608	0.5138	1.06 B	23.6	4.30	0.371	84.2	2.86	0.443	0.378	0.3828	3
4	0.6808	0.7008	0.5378	2.16 B	21.4	3.81	0.361	80.3	2.38	0.428	0.402	0.3488	4
5	0.7108	0.6708	0.5388	2.37 B	20.2	3.84	0.348	80.0	2.23	0.428	0.370	0.3268	5
6	0.6708	0.6808	0.5288	8.03 B	18.3	3.58	0.342	40.0	2.04	0.432	0.468	0.2868	6
7	0.6708	0.7408	0.4888	8.77 B	18.3	3.27	0.351	31.2	1.76	0.420	0.422	0.2628	7
8	0.6508	0.7508	0.4648	11.5 B	14.7	3.24	0.488	24.4	1.81	0.427	0.423	0.2788	8
9	0.6108	0.7508	0.4568	11.7 B	13.3	3.01	0.783	20.8	1.42	0.423	0.416	0.2668	9
10	0.8008	0.7708	0.3808	12.7 B	12.0	2.84	0.881	23.3	1.28	0.422	0.400	0.2788	10
11	0.8008	0.7608	0.3378	17.1	11.0	2.87	0.818	30.5	1.12	0.428	0.392	0.2908	11
12	0.7108	0.7208	0.3638	17.2	10.5	2.48	1.06	32.1	1.08	0.420	0.393	0.2748	12
13	0.8008	0.8008	0.3638	17.5 E	10.7	2.33	1.13	30.5	0.888	0.400	0.4008	0.1818	13
14	0.6508	0.8108	0.3668	18.8 A	10.3	2.08	0.870	24.3	0.859	0.377	0.3468	0.1618	14
15	0.7008	0.8508	0.3718	18.1	9.26	1.99	0.936	22.1	0.839	0.386	0.2838	0.1318	15
16	0.8508	0.8108	0.4068	18.5	8.88	1.74	0.785	18.1	0.780	0.388	0.2578	0.1368	16
17	0.8308	0.8908	0.4078	18.8	8.10	1.66	0.789	15.7	0.725	0.385	0.2068	0.1388	17
18	0.9008	0.7188	0.3958	18.5	7.65	1.36	0.782	12.8	0.690	0.381	0.2068	0.1418	18
19	0.9488	0.7358	0.4048	18.6	7.38	1.25	0.587	10.8	0.656	0.367	0.3118	0.1468	19
20	0.8708	0.7138	0.4308	15.0	7.81	1.14	0.588	8.80	0.637	0.364	0.3888	0.1508	20
21	0.7808	0.8618	0.4338	13.7	8.18	1.31	0.554	8.71	0.839	0.348	0.4188	0.1548	21
22	0.7808	0.8088	0.4408	13.0	8.04	1.02	0.552	8.73	0.578	0.345	0.3708	0.1538	22
23	0.7908	0.8818	0.4308	12.2	7.82	0.835	0.548	9.40E	0.584	0.341	0.3648	0.1528	23
24	0.8208	0.8248	0.4098	11.8	7.14	0.783	0.474	10.0 E	0.587	0.303	0.3688	0.1568	24
25	0.8808	0.8578	0.3888	11.4	6.84	0.784	0.459	8.80E	0.542	0.324	0.3838	0.1808	25
26	0.8108	0.8758	0.3998	11.1	6.89	0.724	0.478	8.00E	0.528	0.362	0.3988	0.1838	26
27	0.7408	0.8258	0.3878	10.8	6.40	0.629	0.430	6.51A	0.516	0.345	0.4188	0.1588	27
28	0.7208	0.8288	0.3808	11.3	6.84	0.592	0.424	5.87	0.521	0.334	0.3988	0.1548	28
29	0.8708		0.3488	12.8	6.58	0.486	0.495	5.42	0.494	0.338	0.3708	0.1518	29
30	0.8408		0.4348	15.8	6.87	0.451	0.488	5.10	0.488	0.361	0.3908	0.1388	30
31	0.8708		0.4748		6.11		0.878	5.03		0.388		0.1328	31
TOTAL	22.735	18.019	13.221	381.850	344.08	63.824	18.551	844.88	34.578	11.824	11.040	8.834	TOTAL
MEAN	0.733	0.844	0.426	12.1	11.1	2.12	0.598	20.8	1.15	0.381	0.388	0.211	MEAN
MAX	0.845	0.770	0.541	18.8	24.6	4.83	1.13	84.2	2.84	0.453	0.456	0.382	MAX
MIN	0.600	0.510	0.337	0.500	4.88	0.451	0.342	3.03	0.488	0.303	0.205	0.131	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.25
MAXIMUM DAILY, 84.2 ON AUG 3
MINIMUM DAILY, 0.1318 ON DEC 15
MAXIMUM INSTANTANEOUS,
85.3 AT 03:30 MST ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 55 N
LONG 118 31 30 W
DRAINAGE AREA, 1 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 980	JUL	1 600
FEB	1 680	AUG	65 700
MAR	1 140	SEP	2 990
APR	31 300	OCT	1 020
MAY	28 700	NOV	954
JUN	5 600	DEC	685

TOTAL DISCHARGE, 134 000 dam³

REESOR RESERVOIR NEAR ELKWATER - STATION NO. 11AB080

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	1226.209	---	---	---	---	---	---	---	---	---	---	5
6	---	---	1226.189	1226.221	---	---	---	---	---	---	1226.502	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	1226.182E	1226.223E	1226.146E	1226.190E	1226.263E	1226.319E	1226.384	1226.448E	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	1226.188	1226.177	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	1226.138	---	---	---	---	---	---	---	12
13	1226.202	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	1226.488	---	---	14
15	---	---	---	1226.236	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	1226.189	---	---	---	---	---	---	---	---	---	17
18	---	1226.187	---	1226.224E	---	1226.211E	---	---	1226.405E	---	---	---	18
19	---	---	1226.192E	---	1226.161E	---	1226.277E	1226.341E	---	1226.474E	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	1226.167E	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	1226.492E	---	---	25
26	---	---	---	---	1226.163	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	1226.488	---	---	27
28	---	1226.168E	---	1226.188	---	1226.232E	---	---	1226.427E	1226.501	---	---	28
29	---	---	1226.207E	---	1226.168E	---	1226.288E	1226.383E	---	---	---	---	29
30	---	---	---	1226.177E	---	1226.238E	---	---	1226.438E	---	---	---	30
31	---	---	1226.210E		1226.173E		1226.302E	1226.387E		1226.501E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1226.502 ON NOV 6
MINIMUM DAILY, 1226.138 ON MAY 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 40 N
LONG 110 05 44 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3.55 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BEITA CREEK NEAR OUTLET OF ANGLING LAKE - STATION NO. 08AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0828	0.1068	0.1868	0.3228	0.330	0.187	0.082	0.074	0.133	0.141	0.080	---	1
2	0.0828	0.1068	0.1708	0.2588	0.318	0.186	0.081	0.078	0.133	0.137	0.047A	---	2
3	0.0828	0.1068	0.1788	0.8028	0.319	0.182	0.080	0.078	0.138	0.134	---	---	3
4	0.0828	0.1068	0.1828	0.8088	0.323	0.180	0.077	0.074	0.138	0.132	---	---	4
5	0.0828	0.1068	0.1828	0.872	0.384	0.174	0.078	0.078	0.137	0.128	---	---	5
6	0.0828	0.1158	0.1828	0.428	0.328	0.185	0.078	0.074	0.138	0.127	---	---	6
7	0.0828	0.1278	0.1808	0.398	0.318	0.189	0.076	0.078	0.140	0.128	---	---	7
8	0.0828	0.1408	0.1778	0.384	0.314	0.186	0.078	0.080	0.145	0.119	---	---	8
9	0.0848	0.1508	0.1778	0.402	0.318	0.182	0.078	0.084	0.185	0.117	---	---	9
10	0.0878	0.1588	0.1788	0.387	0.320	0.143	0.072	0.088	0.188	0.113	---	---	10
11	0.0918	0.1618	0.1788	0.395	0.315	0.140	0.088	0.087	0.181	0.108	---	---	11
12	0.0978	0.1628	0.1788	0.398	0.321	0.136	0.088	0.088	0.182	0.104	---	---	12
13	0.1038	0.1628	0.1888	0.392	0.324	0.131	0.089	0.089A	0.181	0.101	---	---	13
14	0.1048	0.1638	0.1888	0.386	0.311	0.127	0.071	0.090E	0.187	0.100	---	---	14
15	0.1088	0.1818	0.1918	0.402	0.294	0.128	0.084	0.092E	0.188	0.099	---	---	15
16	0.1088	0.1808	0.1918	0.415	0.293	0.119	0.088	0.094E	0.170	0.097	---	---	16
17	0.1088	0.1888	0.1918	0.418	0.288	0.115	0.071	0.088A	0.172	0.094	---	---	17
18	0.1088	0.1888	0.1958	0.418	0.262	0.112	0.068	0.088	0.172	0.092	---	---	18
19	0.1088	0.1898	0.1928	0.420	0.255	0.110	0.070	0.103	0.189	0.088	---	---	19
20	0.1088	0.1808	0.2018	0.420	0.259	0.110	0.078	0.108	0.170	0.085	---	---	20
21	0.1088	0.1888	0.2108	0.422	0.289	0.107	0.078	0.108	0.171	0.080	---	---	21
22	0.1088	0.1898	0.2128	0.442	0.248	0.103	0.083	0.108	0.170	0.076	---	---	22
23	0.1088	0.1718	0.2138	0.453	0.242	0.101	0.088	0.111	0.167	0.073	---	---	23
24	0.1088	0.1708	0.2108	0.448	0.237	0.098	0.078	0.114	0.188	0.081	---	---	24
25	0.1088	0.1648	0.2098	0.429	0.228	0.092	0.077	0.118	0.180	0.088	---	---	25
26	0.1088	0.1888	0.2048	0.412	0.217	0.088	0.077	0.117	0.184	0.084	---	---	26
27	0.1088	0.1888	0.1948	0.383	0.207	0.083	0.078	0.120	0.181	0.084	---	---	27
28	0.1088	0.1838	0.1948	0.388	0.208	0.081	0.080	0.128	0.147	0.081	---	---	28
29	0.1088		0.2008	0.388	0.203	0.078	0.077	0.128	0.144	0.087	---	---	29
30	0.1088		0.2108	0.380	0.200	0.083	0.078	0.127	0.141	0.087	---	---	30
31	0.1088		0.2148		0.184		0.077	0.130		0.088		---	31
TOTAL	3.007	4.142	5.933	12.828	8.592	3.822	2.380	3.018	4.884	2.988	---	---	TOTAL
MEAN	0.087	0.148	0.191	0.421	0.277	0.127	0.077	0.087	0.188	0.088	---	---	MEAN
MAX	0.105	0.171	0.214	0.808	0.384	0.187	0.083	0.130	0.172	0.141	---	---	MAX
MIN	0.082	0.105	0.188	0.222	0.184	0.078	0.088	0.074	0.133	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.180
MAXIMUM DAILY, 0.8088 ON APR 4
MINIMUM DAILY, 0.088 ON OCT 31
MAXIMUM INSTANTANEOUS,
1.588 AT 15:43 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 45 N
LONG 110 19 45 W
DRAINAGE AREA, 191 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	280	JUL	206
FEB	384	AUG	280
MAR	513	SEP	402
APR	1 090	OCT	255
MAY	742	NOV	---
JUN	330	DEC	---

TOTAL DISCHARGE, 3 800 dam³

RENWICK CREEK NEAR THREE HILLS - STATION NO. 05CE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	1.38 B	0.003	0	0	0	0	0	0	---	1
2	---	---	0	B	1.18 B	0.004	0	0	0	0	0	0	---	2
3	---	---	0	B	1.11	0.005	0	0	0	0	0	0A	---	3
4	---	---	0	B	0.817	0.036	0	0	0	0	0	---	---	4
5	---	---	0	B	0.217	0.031	0	0	0	0	0	---	---	5
6	---	---	0	B	0.123	0.020	0	0	0	0	0	---	---	6
7	---	---	0	B	0.078	0.013	0	0	0	0	0	---	---	7
8	---	---	0	B	0.048	0.008	0	0	0	0	0	---	---	8
9	---	---	0	B	0.028	0.004	0	0	0	0	0	---	---	9
10	---	---	0	B	0.021	0.003	0	0	0	0	0	---	---	10
11	---	---	0	B	0.018	0.002	0	0	0	0	0	---	---	11
12	---	---	0	B	0.014	0.002	0	0	0	0	0	---	---	12
13	---	---	0	B	0.012	0.002	0	0	0	0	0	---	---	13
14	---	---	0	B	0.008	0.001	0	0	0	0	0	---	---	14
15	---	---	0	B	0.008	0	0	0	0	0	0	---	---	15
16	---	---	0	B	0.005	0	0	0	0	0	0	---	---	16
17	---	---	0	B	0.004	0	0	0	0	0	0	---	---	17
18	---	---	0	B	0.007	0	0	0	0	0	0	---	---	18
19	---	---	0	B	0.011	0	0	0	0	0	0	---	---	19
20	---	---	0	B	0.021	0	0	0	0	0	0	---	---	20
21	---	---	0	B	0.032	0	0	0	0	0	0	---	---	21
22	---	---	0	B	0.040	0	0	0	0	0	0	---	---	22
23	---	---	0	B	0.032	0	0	0	0	0	0	---	---	23
24	---	---	0	B	0.022	0	0	0	0	0	0	---	---	24
25	---	0B	0	B	0.017	0	0	0	0	0	0	---	---	25
26	---	0B	0	B	0.012	0	0	0	0	0	0	---	---	26
27	---	0B	0	B	0.008	0	0	0	0	0	0	---	---	27
28	---	0B	0	B	0.006	0	0	0	0	0	0	---	---	28
29	---		0	B	0.004	0	0	0	0	0	0	---	---	29
30	---		0	B	0.003	0	0	0	0	0	0	---	---	30
31	---		0	B		0		0	0		0	---	---	31
TOTAL	---	---	0.3348		4.871	0.137	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.334		0.188	0.004	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.011		1.38	0.036	0	0	0	0	0	---	---	MAX
MIN	---	---	0.334		0.003	0	0	0	0	0	0	---	---	MIN
			0				0	0	0	0	0	---	---	

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.022
MAXIMUM DAILY, 1.388 ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 43 01 N
LONG 113 21 47 W
DRAINAGE AREA, 87.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	28.8	SEP	0
APR	428	OCT	0
MAY	11.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 470 dam³

RIBSTONE CREEK NEAR CZAR - STATION NO. 05FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.9208	1.09	0.447	0.037	0.155	0.142	0.040E	---	---	1
2	---	---	0 B	1.12 B	1.11	0.433	0.084	0.154	0.139	0.038E	---	---	2
3	---	---	0 B	0.8808	1.15	0.408	0.068	0.184	0.144	0.031E	---	---	3
4	---	---	0 B	0.8508	1.14	0.377	0.136	0.153	0.146	0.028E	---	---	4
5	---	---	0 B	0.8808	1.08	0.352	0.237	0.182	0.141	0.026E	---	---	5
6	---	---	0 B	0.7558	0.987	0.330	0.213	0.204	0.140	0.024E	---	---	6
7	---	---	0 B	0.7158	0.848	0.306	0.236	0.202	0.137	0.022E	---	---	7
8	---	---	0 B	0.697A	0.744	0.291	0.226	0.203	0.134	0.021E	---	---	8
9	---	---	0 B	1.25	0.696	0.279	0.232	0.197	0.136	0.020E	---	---	9
10	---	---	0 B	1.33	0.597	0.272	0.235	0.248	0.135	0.018E	---	---	10
11	---	---	0 B	1.80	0.548	0.256	0.205	0.220	0.131	0.017E	---	---	11
12	---	---	0 B	2.04	0.494	0.238	0.178	0.221	0.128	0.016E	---	---	12
13	---	---	0 B	2.16	0.515	0.221	0.156	0.213	0.119	0.015E	---	---	13
14	---	---	0 B	2.09	0.518	0.203	0.141	0.202	0.118	0.014E	---	---	14
15	---	---	0 B	2.08	0.486	0.187	0.125	0.204	0.113	0.013E	---	---	15
16	---	---	0 B	1.98	0.463	0.162	0.122	0.195	0.107	0.012E	---	---	16
17	---	---	0 B	1.86	0.425	0.143	0.116	0.184	0.102	0.011E	---	---	17
18	---	---	0 B	1.78	0.378	0.122	0.124	0.214	0.098	0.010E	---	---	18
19	---	---	0 B	2.01	0.387	0.113	0.141	0.220	0.088	0.010E	---	---	19
20	---	---	0 B	1.78	0.380	0.117	0.152	0.218	0.083	0.009E	---	---	20
21	---	---	0 B	1.65	0.391	0.108	0.157	0.220	0.089	0.008E	---	---	21
22	---	---	0 B	1.63	0.398	0.100	0.184	0.213	0.085	0.008E	---	---	22
23	---	---	0 B	1.65	0.384	0.081	0.187	0.203	0.079	0.008E	---	---	23
24	---	---	0 B	1.69	0.391	0.078	0.184	0.195	0.073E	0.007E	---	---	24
25	---	0B	0 B	1.65	0.384	0.087	0.182	0.204	0.067E	0.007E	---	---	25
26	---	0B	0 B	1.57	0.385	0.084	0.181	0.187	0.062E	0.006E	---	---	26
27	---	0B	0 B	1.47	0.385	0.043	0.148	0.181	0.056E	0.006A	---	---	27
28	---	0B	0 B	1.42	0.398	0.039	0.150	0.188	0.051E	0.006E	---	---	28
29	---		0 B	1.28	0.435	0.035	0.170	0.188	0.047E	0.006E	---	---	29
30	---		0 4708	1.20	0.488	0.031	0.171	0.181	0.044E	0.006E	---	---	30
31	---		0 7008		0.494		0.188	0.147		0.006E	---	---	31
TOTAL	---	---	1.170	43.897	18.475	5.890	4.898	5.994	3.148	0.488	---	---	TOTAL
MEAN	---	---	0.038	1.46	0.596	0.196	0.158	0.193	0.105	0.015	---	---	MEAN
MAX	---	---	0.700	2.16	1.15	0.447	0.237	0.248	0.146	0.040	---	---	MAX
MIN	---	---	0	0.697	0.378	0.031	0.037	0.147	0.044	0.006	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.343
MAXIMUM DAILY, 2.16 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.26 AT 16:09 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 17 N
LONG 110 44 15 W
DRAINAGE AREA, 1 630 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	423
FEB	---	AUG	518
MAR	101	SEP	272
APR	3 790	OCT	40.5
MAY	1 600	NOV	---
JUN	809	DEC	---

TOTAL DISCHARGE, 7 250 dam³

RIBSTONE CREEK NEAR EDGERTON - STATION NO 05FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.01 B	0.130	1.80 E	0.231	0.488	0.478	0.285	---	---	1
2	---	---	0 B	1.06 B	0.088	1.35	0.230E	0.481	0.478	0.278	---	---	2
3	---	---	0 B	1.30 B	0.086	1.42	0.231	0.540E	0.506	0.282	---	---	3
4	---	---	0 B	0.8348	0.084	1.49	0.405	0.580	0.570	0.280E	---	---	4
5	---	---	0 B	0.8838	0.083	1.35 E	0.525	0.792	0.539	0.271	---	---	5
6	---	---	0 B	0.5908	0.082	1.25 E	0.732	0.580	0.513	0.255	---	---	6
7	---	---	0 B	0.4508	0.070E	1.12	0.488	0.488	0.488	0.253	---	---	7
8	---	---	0 B	0.3088	0.078	1.03	0.508	0.540E	0.489	0.262	---	---	8
9	---	---	0 B	0.3408	0.128	0.980E	0.827	0.600E	0.491	0.250	---	---	9
10	---	---	0 B	0.3808	0.110E	0.924	0.820	0.850E	0.491	0.249	---	---	10
11	---	---	0 B	0.4208	0.094	0.887	0.530E	0.701	0.486	0.231	---	---	11
12	---	---	0 B	0.4508	0.082	0.950E	0.438	0.741	0.480E	0.230E	---	---	12
13	---	---	0 B	0.489	0.122	0.930E	0.459	0.548	0.494	0.228	---	---	13
14	---	---	0 B	0.489	0.105E	0.915	0.430	0.727	0.480E	0.210E	---	---	14
15	---	---	0 B	0.489	0.088	0.825E	0.403	0.542	0.480E	0.200E	---	---	15
16	---	---	0 B	0.489	1.20 E	0.730E	0.860E	0.538	0.440E	0.184E	---	---	16
17	---	---	0 B	0.489	2.35	0.640E	0.915	0.478	0.420E	0.169E	---	---	17
18	---	---	0 B	1.35 E	1.36	0.551	0.915	0.525	0.405	0.154E	---	---	18
19	---	---	0 B	2.24	2.15 E	0.533	1.45	0.510E	0.407	0.139E	---	---	19
20	---	---	0 B	1.65 E	2.95 E	0.548	1.45	0.491	0.386	0.125E	---	---	20
21	---	---	0 B	1.10	3.75 E	0.596	1.30 E	0.486	0.367	0.110E	---	---	21
22	---	---	0 B	0.818	4.55	0.613	1.20 E	0.884	0.371	0.095E	---	---	22
23	---	---	0 B	0.675	3.07	0.478	1.05 E	0.479	0.347	0.080E	---	---	23
24	---	---	0 B	0.478	1.99	0.342	0.915	0.478	0.345	0.085E	---	---	24
25	---	---	0 B	0.384	1.51	0.325E	0.845	0.486	0.343	0.051E	---	---	25
26	---	---	0 B	0.271	1.85 E	0.310E	0.732	0.486	0.305	0.038E	---	---	26
27	---	---	0 B	0.225	1.61	0.295E	0.648	0.487	0.330E	0.021	---	---	27
28	---	---	0 B	0.183	1.82	0.260E	0.813	0.487	0.385	0.015E	---	---	28
29	---		0 B	0.155E	1.82	0.280E	0.806	0.474	0.316	0.012E	---	---	29
30	---		0 0108	0.131	1.82	0.245E	0.813	0.449	0.287	0.010E	---	---	30
31	---		0 0808		1.84		0.484	0.451		0.008E	---	---	31
TOTAL	---	---	0.100	18.648	38.989	23.858	21.233	16.786	12.882	5.048	---	---	TOTAL
MEAN	---	---	0.003	0.855	1.18	0.795	0.885	0.541	0.429	0.183	---	---	MEAN
MAX	---	---	0.090	2.24	4.55	1.80	1.45	0.792	0.570	0.285	---	---	MAX
MIN	---	---	0	0.131	0.082	0.245	0.230	0.449	0.287	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.857
MAXIMUM DAILY, 4.55 ON MAY 32
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 48 18 N
LONG 110 28 00 W
DRAINAGE AREA, 3 130 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 830
FEB	---	AUG	1 450
MAR	8.84	SEP	1 110
APR	1 700	OCT	436
MAY	3 200	NOV	---
JUN	2 080	DEC	---

TOTAL DISCHARGE, 11 800 dam³

RISSTONE CREEK TRIBUTARY NEAR CORONATION - STATION NO 08FD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0108	0.001E	0E	0	0	0	0	---	---	1
2	---	---	0 B	0.0388	0.001E	0E	0	0	0	0	---	---	2
3	---	---	0 B	0.0808	0.001E	0E	0	0	0	0	---	---	3
4	---	---	0 B	0.5008	0.001E	0E	0.887	0	0	0	---	---	4
5	---	---	0 B	0.3008	0.001E	0E	0.490	0.002	0	0	---	---	5
6	---	---	0 B	0.248	0.001E	0E	0.095	0.001	0	0	---	---	6
7	---	---	0 B	0.128	0.001E	0E	0.078	0	0	0	---	---	7
8	---	---	0 B	0.078	0.001E	0E	0.068	0	0	0	---	---	8
9	---	---	0 B	0.068	0.001E	0E	0.060E	0	0	0	---	---	9
10	---	---	0 B	0.037	0.001E	0E	0.050E	0	0	0	---	---	10
11	---	---	0 B	0.038	0.001E	0E	0.040E	0	0	0	---	---	11
12	---	---	0 B	0.087	0.001E	0E	0.035E	0	0	0	---	---	12
13	---	---	0 B	0.040	0.001E	0E	0.030E	0	0	0	---	---	13
14	---	---	0 B	0.033	0.001E	0E	0.025E	0	0	0	---	---	14
15	---	---	0 B	0.031	0.001E	0	0.023E	0	0	0	---	---	15
16	---	---	0 B	0.022	0.002	0	0.020E	0	0	0	---	---	16
17	---	---	0 B	0.020	0	0	0.014E	0	0	0	---	---	17
18	---	---	0 B	0.018E	0 E	0	0.010E	0	0	0	---	---	18
19	---	---	0 B	0.019E	0 E	0	0.008E	0	0	0	---	---	19
20	---	---	0 B	0.031	0 E	0	0.011E	0	0	0	---	---	20
21	---	---	0 B	0.030	0 E	0	0.008E	0	0	0	---	---	21
22	---	---	0 B	0.012	0 E	0	0.008E	0	0	0	---	---	22
23	---	---	0 B	0.010E	0 E	0	0.006E	0	0	0	---	---	23
24	---	---	0 B	0.010E	0 E	0	0.004E	0	0	0	---	---	24
25	---	0B	0 B	0.008E	0 E	0	0.003E	0	0	0	---	---	25
26	---	0B	0 B	0.008E	0 E	0	0.001E	0	0	0	---	---	26
27	---	0B	0 B	0.003E	0 E	0	0 E	0	0	0B	---	---	27
28	---	0B	0 B	0.001E	0 E	0	0	0	0	0B	---	---	28
29	---		0 B	0.001E	0 E	0	0	0	0	0B	---	---	29
30	---		0.001B	0.001E	0 E	0	0	0	0	0B	---	---	30
31	---		0.003B		0 E		0	0		0B		---	31
TOTAL	---	---	0.003	3.815	0.017	0	1.988	0.003	0	0	---	---	TOTAL
MEAN	---	---	0	0.087	0.001	0	0.083	0					
MAX	---	---	0.002	0.800	0.002	0	0.887	0.002	0	0	---	---	MEAN
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MAX
													MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.018
MAXIMUM DAILY, 0.887 ON JUL 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.30 AT 21:11 MST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 10 47 N
LONG 111 14 18 W
DRAINAGE AREA, 87.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	170
FEB	---	AUG	0.26
MAR	0.26	SEP	0
APR	226	OCT	0
MAY	1.47	NOV	---
JUN	0	DEC	---

REMARKS - BEAVER ACTIVITIES OCCURRED DURING PEAK DISCHARGE

TOTAL DISCHARGE, 398 dam³

RICHARDSON RIVER NEAR THE MOUTH - STATION NO 07DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.08	13.28	14.08	18.88	28.0	17.8	15.2	14.2	14.1	14.7	17 08	---	1
2	13.08	13.28	14.08	18.78	28.2	17.8	15.2	14.8	14.5	14.6	17 48	---	2
3	13.08	12.38	13.88	18.78	28.0	18.7	15.4	14.3	14.8	14.6	17 58	---	3
4	13.08	12.68	13.88	18.88	28.3	20.2	15.6	14.4	14.8	14.8	17 48	---	4
5	13.08	12.68	13.88	18.78	27.7	21.1	15.8	14.8	14.7	14.5	---	---	5
6	12.88	12.78	13.88	18.88	26.5	21.4	16.1	15.2	14.8	14.4	---	---	6
7	12.68	12.68	13.88	18.88	25.8	21.4	16.1	15.1	14.8	14.5	---	---	7
8	12.88	12.78	13.78	17.08	25.0	21.3	15.8	14.8	14.8	14.8	---	---	8
9	12.88	12.88	13.88	17.28	23.8	20.8	15.4	14.8	15.2	15.1	---	---	9
10	12.88	13.08	13.88	17.88	22.8	20.8	15.0	14.5	15.4	15.0	---	---	10
11	12.48	13.18	14.08	18.08	22.0	19.7	14.7	14.8	15.8	15.1	---	---	11
12	12.68	13.18	14.18	20.88	21.3	19.1	14.5	14.8	15.7	15.4	---	---	12
13	12.68	13.48	14.18	21.88	20.8	18.8	14.3	14.5	15.7	15.7	---	---	13
14	12.78	13.68	14.18	22.88	20.5	18.4	14.1	14.5	15.8	15.8	---	---	14
15	12.88	13.78	14.28	23.38	20.2	17.8	14.1	14.4	15.6	15.0	---	---	15
16	12.88	13.88	14.28	23.88	19.8	17.3	14.1	14.4	15.8	15.3	---	---	16
17	12.78	13.88	14.28	24.88	19.8	16.7	14.3	14.3	15.8	15.6	---	---	17
18	12.38	13.88	14.38	26.18	19.4	16.3	14.4	14.3	15.1	15.5	---	---	18
19	12.28	14.08	14.38	27.48	18.9	16.0	14.4	14.0	15.0	15.5	---	---	19
20	12.28	14.08	14.38	28.88	18.8	15.7	14.3	14.0	15.2	15.4	---	---	20
21	12.28	14.08	14.48	29.28	18.6	15.5	14.2	13.8	15.1	15.6	---	---	21
22	12.18	14.08	14.88	29.88	18.5	15.4	13.9	13.7	15.9	15.5	---	---	22
23	12.18	14.08	14.88	29.8	18.3	15.6	13.8	13.8	15.7	15.5	---	---	23
24	12.18	14.08	14.88	28.8	18.1	16.0	13.8	13.4	15.8	15.4	---	---	24
25	12.18	14.08	15.08	28.8	17.8	16.2	13.8	13.8	15.4	15.38	---	---	25
26	12.18	14.08	15.38	28.8	17.7	16.8	13.8	13.7	15.2	15.88	---	---	26
27	12.18	14.08	15.48	28.1	17.5	15.8	13.8	13.8	15.1	15.58	---	---	27
28	12.28	14.08	15.78	28.8	17.3	15.8	13.8	13.8	14.9	15.28	---	---	28
29	12.28		15.88	28.7	17.4	15.3	13.8	13.8	14.8	15.7	---	---	29
30	12.18		15.28	28.4	17.5	15.0	14.0	13.8	14.7	15.7	---	---	30
31	12.18		15.48		17.8		14.0	13.8		15.7		---	31
TOTAL	389.0	374.1	448.8	697.1	683.8	533.3	450.7	441.0	455.8	467.1	---	---	TOTAL
MEAN	12.5	13.4	14.5	23.2	21.4	17.8	14.5	14.2	15.3	15.7	---	---	MEAN
MAX	13.0	14.0	15.4	29.9	28.2	21.4	16.1	15.2	16.2	15.7	---	---	MAX
MIN	13.1	13.2	13.7	18.8	17.3	15.0	13.8	13.4	14.1	14.4	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 29.88 ON APR 22

MAXIMUM INSTANTANEOUS,
31.0 AT 05:15 MST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 21 48 N
LONG 111 14 14 W
DRAINAGE AREA, 2 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 600	JUL	38 800
FEB	32 300	AUG	36 100
MAR	36 800	SEP	35 600
APR	80 200	OCT	43 100
MAY	67 400	NOV	---
JUN	48 100	DEC	---

RIVIERE DES ROCHERS ABOVE SLAVE RIVER - STATION NO. 07NA001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	207.644	207.615	207.613	207.487	---	207.741	208.185	207.348	207.428	---	208.672	---	1
2	207.617	207.625	207.606	207.462	---	207.808	208.152	207.416	207.376	---	208.484	---	2
3	207.604	207.630	207.632	207.470	---	207.880	208.121	207.188	207.310	---	208.424	---	3
4	207.491	207.580	207.635	207.472	---	208.048	207.984	207.207	207.283	---	208.434	---	4
5	207.441	207.614	207.634	207.441	---	208.181	207.838	207.488	---	---	208.384	---	5
6	207.400	207.612	207.601	207.488	207.908	208.244	207.824	208.238	---	---	208.383	---	6
7	207.333	207.561	207.580	207.501	207.881	208.211	207.901	208.152	---	---	208.382	---	7
8	207.275	207.551	207.548	207.541	208.043	208.208	207.858	208.306	---	---	208.498	---	8
9	207.231	207.521	207.527	207.584	208.180	208.280	207.838	208.263	---	---	---	---	9
10	207.187	207.488	207.511	207.888	208.218	208.323	207.795	208.194	---	---	---	---	10
11	207.138	207.460	207.485	207.785	208.201	208.288	207.788	208.062	---	---	---	---	11
12	207.122	---	207.458	207.649	208.291	208.328	207.742	208.818	---	---	---	---	12
13	207.088	207.462	207.423	207.850	208.228	208.174	207.747	208.884	---	---	208.487	---	13
14	207.018	207.508	207.383	208.055	208.171	208.158	207.706	208.801	---	208.712	---	---	14
15	206.985	207.547	207.329	208.138	208.118	208.277	207.623	208.480	---	208.732	---	---	15
16	206.942	207.581	207.286	208.208	208.100	208.387	207.575	208.388	---	208.774	---	---	16
17	206.847	207.601	207.287	208.284	208.128	208.224	207.712	208.318	---	208.702	---	---	17
18	207.029	207.603	207.255	208.335	208.134	208.217	207.830	208.275	---	208.629	---	208.112	18
19	207.103	207.586	207.284	208.422	208.114	208.288	207.518	208.283	---	208.642	---	208.087	19
20	207.224	207.578	207.325	208.488	208.092	208.413	207.434	208.220	---	208.709	---	---	20
21	207.288	207.531	207.343	208.511	208.043	208.484	207.307	208.143	---	208.691	---	---	21
22	207.326	207.526	207.413	208.527	208.001	208.397	207.229	208.028	207.042	208.718	---	---	22
23	207.339	207.503	207.422	208.564	207.972	208.248	207.274	207.888	207.054	208.681	---	---	23
24	207.351	207.482	207.484	208.712	207.906	208.171	207.310	207.818	207.044	208.595	---	---	24
25	207.383	207.514	207.500	---	207.812	208.116	207.270	207.738	207.034	208.588	---	---	25
26	207.382	207.560	207.50	---	207.778	208.083	207.238	207.724	207.012	208.531	---	---	26
27	207.441	207.611	207.524	---	207.785	208.080	207.137	207.893	208.831	208.598	---	---	27
28	207.484	207.628	207.521	---	207.772	208.074	207.102	207.870	208.887	208.831	---	---	28
29	207.522		207.521	---	207.772	208.129	207.123	207.818	208.808	208.628	---	---	29
30	207.534		207.508	---	207.778	208.183	207.108	207.518	---	208.598	---	---	30
31	207.508		207.485		207.780		207.081	207.478		208.625		---	31
MEAN	207.282	---	207.472	---	---	208.188	207.584	208.135	---	---	---	---	MEAN
MAX	207.644	---	207.635	---	---	208.484	208.185	208.306	---	---	---	---	MAX
MIN	206.842	---	207.285	---	---	207.741	207.081	207.188	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 208.306 ON AUG 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 59 30 N
LONG 111 24 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS - STATION NO. 07NA007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.388	208.273	208.263	208.091	208.870	208.863	208.923	209.335	208.814	208.893	208.088	208.388	1
2	208.384	208.284	208.238	208.080	208.797	208.874	209.038	209.074	208.802	208.802	207.883	208.387	2
3	208.372	208.277	208.239	208.078	208.782	208.898	208.880	208.840	208.818	208.840	207.885	208.388	3
4	208.378	208.282	208.238	208.078	208.730	208.839	208.948	208.883	208.829	208.542	207.910	208.384	4
5	208.380	208.298	208.223	208.088	208.784	208.879	208.888	208.774	208.727	208.801	207.844	208.348	5
6	208.343	208.292	208.248	208.081	208.781	208.884	208.957	208.808	208.802	208.885	207.905	208.383	6
7	208.324	208.288	208.230	208.047	208.778	208.888	208.951	209.083	208.813	209.034	207.782	208.381	7
8	208.288	208.270	208.184	208.085	208.705	208.855	208.948	209.157	208.830	208.888	207.728	208.331	8
9	208.308	208.288	208.188	208.079	208.678	208.927	208.885	209.137	208.888	208.447	207.733	208.328	9
10	208.290	208.282	208.148	208.123	208.884	208.903	208.941	209.144	208.884	208.527	207.888	208.348	10
11	208.288	208.232	208.145	208.188	208.881	208.820	208.908	209.017	208.838	208.888	207.883	208.338	11
12	208.288	208.232	208.138	208.188	209.028	208.825	208.984	208.870	208.788	208.801	207.888	208.328	12
13	208.245	208.228	208.118	208.220	208.888	208.808	208.917	208.938	208.742	208.411	207.814	208.332	13
14	208.288	208.228	208.124	208.280	208.918	208.728	208.877	209.000	208.774	208.810	207.914	208.342	14
15	208.283	208.232	208.084	208.282	208.788	208.888	208.788	208.885	208.869	208.831	207.783	208.329	15
16	208.281	208.248	208.078	208.331	208.883	208.818	208.821	208.878	208.808	208.330	207.878	208.318	16
17	208.278	208.284	208.088	208.381	208.924	208.818	208.889	208.833	208.733	208.227	207.885	208.314	17
18	208.259	208.253	208.078	208.388	208.882	208.887	208.888	208.884	208.707	208.388	208.026	208.318	18
19	208.245	208.232	208.088	208.482	208.874	208.811	208.845	208.804	208.748	208.437	208.018	208.278	19
20	208.289	208.248	208.079	208.910	208.848	208.848	208.839	208.823	208.718	208.448	208.088	208.280	20
21	208.288	208.248	208.087	208.532	208.784	208.133	208.783	208.888	208.723	208.418	207.883	208.301	21
22	208.288	208.251	208.071	208.548	208.801	208.881	208.788	208.887	208.712	208.374	208.080	208.289	22
23	208.289	208.239	208.100	208.617	208.848	208.808	208.892	208.844	208.887	208.208	208.111	208.288	23
24	208.304	208.234	208.084	208.724	208.841	208.811	208.883	208.888	208.870	208.218	208.140	208.287	24
25	208.288	208.248	208.085	208.617	208.488	208.851	208.859	208.821	208.880	208.088	208.128	208.288	25
26	208.253	208.289	208.078	208.883	208.870	208.828	208.841	208.887	208.828	208.171	208.172	208.208	26
27	208.288	208.280	208.085	208.511	208.883	208.838	208.774	208.858	208.818	208.273	208.178	208.218	27
28	208.283	208.290	208.085	208.288	208.842	208.888	208.837	208.851	208.488	208.287	208.207	208.228	28
29	208.288		208.082	208.188	208.823	208.008	208.858	208.828	208.878	208.278	208.287	208.213	29
30	208.281		208.077	208.018	208.838	208.888	208.852	208.788	208.482	208.188	208.307	208.241	30
31	208.278		208.088		208.878		208.838	208.800		208.288		208.278	31
MEAN	208.294	208.257	208.131	208.487	208.888	208.817	208.880	208.833	208.730	208.434	207.882	208.308	MEAN
MAX	208.388	208.298	208.263	208.883	209.028	209.132	209.038	209.338	208.888	209.034	208.307	208.388	MAX
MIN	208.248	208.228	208.088	208.047	208.705	208.808	208.788	208.788	208.482	208.088	207.883	208.208	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MEAN, 208.520
MAXIMUM DAILY, 209.883 ON APR 26
MINIMUM DAILY, 207.883 ON NOV 11
MAXIMUM INSTANTANEOUS,
210.078 AT 15:30 MST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 55 N
LONG 111 10 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS - STATION NO. 07NA005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	207.581	207.354	207.536	207.507	---	207.768	208.324	207.532	207.458	208.509	208.578	207.995	1
2	207.572	207.362	207.549	207.498	---	207.631	208.246	207.530	207.411	208.536	208.444	208.080	2
3	207.565	207.383	207.564	207.492	---	207.588	208.183	207.353	207.382	208.788	208.443	208.081	3
4	207.557	207.330	207.583	207.513	---	207.686	208.047	207.288	207.290	208.718	208.436	208.112	4
5	207.510	207.300	207.643	207.490	207.888	---	207.887	207.580	207.310	208.888	208.389	208.088	5
6	207.485	207.308	207.616	207.488	---	208.283	207.978	208.280	207.088	208.686	208.403	208.087	6
7	207.398	207.380	207.557	207.506	---	208.238	---	208.138	207.212	207.023	208.381	208.085	7
8	207.347	207.384	207.543	207.530	---	208.242	207.817	208.247	207.307	207.056	208.437	208.039	8
9	207.327	207.430	207.532	207.572	---	208.328	207.684	208.189	207.380	208.822	208.504	208.058	9
10	207.277	207.462	207.523	207.540	---	208.338	207.634	208.148	207.342	208.818	208.580	208.090	10
11	207.247	207.502	207.501	207.737	208.214	208.284	207.780	208.895	207.318	208.851	208.585	208.125	11
12	207.228	207.534	207.488	207.811	---	208.384	207.743	208.783	207.289	208.820	208.508	208.130	12
13	207.211	207.538	207.441	207.880	---	208.177	207.790	208.882	207.255	208.745	208.495	208.120	13
14	207.128	207.588	207.427	207.857	---	208.186	207.739	208.804	207.225	208.773	208.429	208.118	14
15	207.080	207.598	207.398	208.013	---	---	207.644	208.486	207.319	208.821	208.238	208.101	15
16	207.050	207.828	207.384	208.067	---	---	207.727	208.411	207.138	208.742	208.188	208.080	16
17	207.035	207.881	207.384	208.128	---	208.323	207.758	208.328	207.088	208.884	208.148	208.078	17
18	207.089	207.881	207.399	208.238	---	208.420	207.872	208.283	207.045	208.879	208.182	208.070	18
19	207.165	207.815	207.398	208.358	---	208.488	207.880	208.268	207.024	208.740	208.017	208.033	19
20	207.302	207.817	---	208.497	---	208.585	207.486	208.232	206.888	208.731	208.281	208.028	20
21	207.388	207.898	---	208.552	208.087	208.649	207.342	208.188	206.883	208.784	208.477	208.035	21
22	207.410	207.884	---	208.572	208.034	208.474	207.270	208.051	207.019	208.734	208.744	207.887	22
23	207.405	207.841	---	208.610	208.012	208.347	207.381	207.921	207.040	208.818	207.087	207.934	23
24	207.400	207.533	---	---	207.940	208.281	207.388	207.850	207.021	208.581	207.284	207.848	24
25	207.408	207.558	207.807	---	207.841	208.244	207.344	207.773	207.051	208.548	207.420	207.802	25
26	207.418	207.867	207.512	---	207.824	208.188	207.283	207.761	207.020	208.544	207.488	207.780	26
27	207.381	207.838	207.502	---	207.820	208.188	207.202	207.725	206.938	208.818	207.818	207.738	27
28	207.320	207.842	207.511	---	207.818	208.184	207.180	207.711	206.858	208.672	207.717	207.748	28
29	207.288		207.535	---	207.831	208.281	207.218	207.648	206.927	208.853	207.810	207.800	29
30	207.318		207.524	---	207.827	208.291	207.208	207.534	206.908	208.827	207.908	207.880	30
31	207.343		207.511		207.858		207.207	207.511		208.853		207.884	31
MEAN	207.331	207.508	---	---	---	---	---	---	208.159	207.148	208.738	208.704	208.002	MEAN
MAX	207.591	207.881	---	---	---	---	---	---	208.247	207.458	207.088	208.130	MAX
MIN	207.038	207.308	---	---	---	---	---	---	207.253	206.858	208.544	208.017	207.738	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 208.247 ON AUG 8
MINIMUM DAILY, 208.017 ON NOV 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 65 35 N
LONG 111 12 15 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ROBERT CREEK NEAR ANZAC - STATION NO. 07CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.0188	0.521	0.308	0.040	0.033	0.034	0.025	0.0788	---	1
2	---	---	0	B	0.0288	0.514	0.381	0.037	0.059	0.028	0.028	0.0718	---	2
3	---	---	0	B	0.0408	0.506	0.448	0.033	0.134	0.026	0.027	0.0738	---	3
4	---	---	0	B	0.0608	0.493	0.425	0.028	0.125	0.028	0.024	0.0588	---	4
5	---	---	0	B	0.1408	0.488	0.400	0.030	0.083	0.029	0.026	0.0488	---	5
6	---	---	0	B	0.2008	0.441	0.388	0.029	0.071	0.026	0.026	0.0488	---	6
7	---	---	0	B	0.2438	0.418	0.418	0.028	0.080	0.022	0.035	0.0418	---	7
8	---	---	0	B	0.2588	0.402	0.441	0.028	0.049	0.018	0.049	0.0388	---	8
9	---	---	0	B	0.2778	0.387	0.411	0.030	0.040	0.021	0.052	---	---	9
10	---	---	0	B	0.2788	0.388	0.378	0.031	0.088	0.038	0.088	---	---	10
11	---	---	0	B	0.2528	0.404	0.348	0.032	0.188	0.038	0.081	---	---	11
12	---	---	0	B	0.2638	0.401	0.315	0.033	0.238	0.047	0.071	---	---	12
13	---	---	0	B	0.2958	0.378	0.288	0.033	0.200	0.088	0.072	---	---	13
14	---	---	0	B	0.3588	0.358	0.285	0.038	0.182	0.052	0.071	---	---	14
15	---	---	0	B	0.4278	0.348	0.230	0.034	0.128	0.052	0.078	---	---	15
16	---	---	0	B	0.4548	0.328	0.212	0.037	0.087	0.073	0.080	---	---	16
17	---	---	0	B	0.5088	0.308	0.182	0.037	0.048	0.078	0.078	---	---	17
18	---	---	0	B	0.5088	0.314	0.188	0.038	0.073	0.048	0.088	---	---	18
19	---	---	0	B	0.5088	0.388	0.138	0.038	0.082	0.073	0.087	---	---	19
20	---	---	0	B	0.5128	0.371	0.120	0.038	0.083	0.071	0.088	---	---	20
21	---	---	0	B	0.534	0.381	0.112	0.038	0.040	0.052	0.078	---	---	21
22	---	---	0	B	0.550	0.348	0.111	0.038	0.088	0.052	0.078	---	---	22
23	---	---	0	B	0.542	0.337	0.084	0.028	0.088	0.048	0.078	---	---	23
24	---	---	0	B	0.513	0.318	0.088	0.027	0.081	0.048	0.0828	---	---	24
25	---	---	0	B	0.512	0.307	0.084	0.027	0.088	0.047	0.0888	---	---	25
26	---	---	0	B	0.525	0.388	0.070	0.033	0.088	0.041	0.0738	---	---	26
27	---	---	0	B	0.524	0.288	0.081	0.028	0.084	0.024	0.0848	---	---	27
28	---	---	0	B	0.581	0.288	0.088	0.025	0.081	0.023	0.0898	---	---	28
29	---		0	B	0.557	0.295	0.082	0.025	0.044	0.028	0.0808	---	---	29
30	---		0.0088		0.530	0.301	0.048	0.027	0.037	0.030	0.0818	---	---	30
31	---		0.0108			0.288		0.031	0.029		0.0788		---	31
TOTAL	---	---	0.018		11.003	11.867	7.084	0.883	2.884	1.304	1.808	---	---	TOTAL
MEAN	---	---	0		0.387	0.373	0.238	0.032	0.083	0.043	0.081	---	---	MEAN
MAX	---	---	0.010		0.581	0.621	0.448	0.040	0.238	0.078	0.085	---	---	MAX
MIN	---	---	0		0.018	0.288	0.048	0.028	0.029	0.018	0.024	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.168
MAXIMUM DAILY, 0.581 ON APR 28
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.5888 AT 08:07 MST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 01 N
LONG 111 01 42 W
DRAINAGE AREA, 84.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84.8
FEB	---	AUG	222
MAR	1.30	SEP	113
APR	951	OCT	186
MAY	989	NOV	---
JUN	808	DEC	---

TOTAL DISCHARGE, 3 180 dam³

ROCKY CREEK NEAR VALLEYVIEW - STATION NO. 07GF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.007	0.017	0.004	1.14 A	0.021	0.003	0.0048	---	1
2	---	---	---	0.0038	0.007	0.014	0.004	3.08 A	0.038	0.004	0.0058	---	2
3	---	---	---	0.0088	3.008	0.014	0.003	1.27	0.048	0.005	---	---	3
4	---	---	---	0.0138	0.008	0.008	0.003	0.887	0.033	0.005	---	---	4
5	---	---	---	0.0138	0.006	0.008	0.004	0.388	0.028	0.005	---	---	5
6	---	---	---	0.0148	0.008	0.028	0.003	0.248	0.022	0.005	---	---	6
7	---	---	---	0.0178	0.005	0.028	0.003	0.172	0.018	0.005	---	---	7
8	---	---	---	0.0388	0.008	0.018	0.005	0.123	0.013	0.005	---	---	8
9	---	---	---	0.0488	0.005	0.008	0.005	0.108	0.022	0.004	---	---	9
10	---	---	---	0.0428	0.005	0.007	0.003	0.152	0.017	0.003	---	---	10
11	---	---	---	0.0408	0.004	0.008	0.003	0.187	0.018	0.003	---	---	11
12	---	---	---	0.0398	0.004	0.008	0.003	0.152	0.014	0.004	---	---	12
13	---	---	---	0.0448	0.004	0.006	0.002	0.136	0.012	0.0038	---	---	13
14	---	---	---	0.0988	0.004	0.005	0.002	0.104	0.005	0.0038	---	---	14
15	---	---	---	0.1388	0.004	0.006	0.002	0.077	0.007	0.0038	---	---	15
16	---	---	---	0.1178	0.004	0.004	0.005	0.082	0.006	0.0038	---	---	16
17	---	---	---	0.0838	0.004	0.003	0.004	0.080	0.005	0.0038	---	---	17
18	---	---	---	0.0188	0.006	0.002	0.004	0.074	0.005	0.0038	---	---	18
19	---	---	---	0.0048	0.008	0.002	0.005	0.082	0.005	0.0028	---	---	19
20	---	---	---	0.0068	0.006	0.003	0.004	0.084	0.007	0.0028	---	---	20
21	---	---	---	0.0148	0.007	0.032	0.003	0.075	0.006	0.0038	---	---	21
22	---	---	---	0.0068	0.009	0.033	0.003	0.070	0.005	0.0038	---	---	22
23	---	---	---	0.0068	0.012	0.024	0.003	0.050	0.004	0.0048	---	---	23
24	---	---	---	0.0068	0.013	0.026	0.002	0.037	0.004	0.0068	---	---	24
25	---	---	---	0.0068	0.014	0.018	0.003	0.037	0.005	0.0068	---	---	25
26	---	---	---	0.0068	0.013	0.012	0.005	0.037	0.005	0.0068	---	---	26
27	---	---	---	0.0068	0.011	0.008	0.004	0.026	0.004	0.0068	---	---	27
28	---	---	---	0.006	0.010	0.006	0.005	0.018	0.004	0.0068	---	---	28
29	---		---	0.006	0.017	0.005	0.005	0.015	0.003	0.0068	---	---	29
30	---		---	0.006	0.020	0.005	0.005	0.018	0.003	0.0068	---	---	30
31	---		---		0.018		0.023	0.018		0.0068		---	31
TOTAL	---	---	---	---	0.284	0.358	0.137	8.718	0.385	0.128	---	---	TOTAL
MEAN	---	---	---	---	0.008	0.012	0.004	0.281	0.013	0.004	---	---	MEAN
MAX	---	---	---	---	0.020	0.033	0.023	3.08	0.048	0.005	---	---	MAX
MIN	---	---	---	---	0.004	0.002	0.002	0.015	0.003	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.08A ON AUG 2
MINIMUM DAILY, 0.002 ON JUN 16
MAXIMUM INSTANTANEOUS,
4.32A ON AUG 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 56 05 N
LONG 117 48 35 W
DRAINAGE AREA, 18.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11.8
FEB	---	AUG	783
MAR	---	SEP	33.4
APR	---	OCT	11.1
MAY	21.8	NOV	---
JUN	31.0	DEC	---

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE COULD HAVE OCCURRED ON AUG 2

ROLPH CREEK NEAR KIMBALL - STATION NO 05AE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0318	0.156	0.089	0.215	0.093	0.085	0.159	0.088	0.040	---	1
2	---	---	0.0348	0.197	0.086	0.183	0.098	0.082	0.148	0.078	0.044	---	2
3	---	---	0.0388	0.580	0.082	0.160	0.088	0.087	0.141	0.071	0.044A	---	3
4	---	---	0.0948	3.44	0.084	0.150	0.080	0.086	0.138	0.085	---	---	4
5	---	---	0.2108	3.04	0.088	0.139	0.075	0.090	0.134	0.057	---	---	5
6	---	---	0.2008	1.82	0.081	0.125	0.084	0.102	0.133	0.051	---	---	6
7	---	---	0.2188	1.12	0.076	0.118	0.082	0.110	0.131	0.050	---	---	7
8	---	---	0.2818	0.910	0.077	0.114	0.042	0.108	0.130	0.048	---	---	8
9	---	---	0.2808	0.737	0.077	0.118	0.038	0.104	0.128	0.043	---	---	9
10	---	---	0.2328	0.613	0.073	0.103	0.044	0.110	0.128	0.041	---	---	10
11	---	---	0.2188	0.540	0.072	0.087	0.038	0.121	0.128	0.041	---	---	11
12	---	---	0.2028	0.488	0.077	0.080	0.028	0.117	0.125	0.043	---	---	12
13	---	---	0.1878	0.417	0.078	0.080	0.021	0.118	0.118	0.040	---	---	13
14	---	---	0.2488	0.380	0.078	0.084	0.014	0.145	0.112	0.038	---	---	14
15	---	---	0.2708	0.337	0.078	0.088	0.012	0.182	0.107	0.047	---	---	15
16	---	---	0.2858	0.298	0.084	0.088	0.005	0.181	0.098	0.048	---	---	16
17	---	---	0.3008	0.263	0.083	0.092	0.008	0.170	0.092	0.048	---	---	17
18	---	---	0.2908	0.242	0.101	0.096	0.038	0.161	0.087	0.049	---	---	18
19	---	---	0.2288	0.225	0.103	0.118	0.088	0.172	0.085	0.047	---	---	19
20	---	---	0.2738	0.207	0.102	0.112	0.086	0.183	0.088	0.049	---	---	20
21	---	---	0.2338	0.184	0.118	0.113	0.088	0.183	0.084	0.047	---	---	21
22	---	---	0.1888	0.173	0.127	0.107	0.128	0.148	0.080	0.048	---	---	22
23	---	---	0.2388	0.159	0.128	0.101	0.128	0.142	0.078	0.048	---	---	23
24	---	---	0.1828	0.148	0.131	0.097	0.121	0.178	0.071	0.053	---	---	24
25	---	---	0.1488	0.133	0.140	0.092	0.138	0.178	0.087	0.052	---	---	25
26	---	0.0338	0.1458	0.123	0.184	0.083	0.147	0.182	0.070	0.048	---	---	26
27	---	0.0288	0.1408	0.112	0.217	0.083	0.130	0.186	0.078	0.042	---	---	27
28	---	0.0308	0.1508	0.101	0.228	0.084	0.111	0.188	0.074	0.038	---	---	28
29	---		0.1808	0.088	0.235	0.082	0.087	0.190	0.078	0.041	---	---	29
30	---		0.1858	0.088	0.244	0.083	0.083	0.182	0.083	0.041	---	---	30
31	---		0.148		0.238		0.091	0.188		0.040		---	31
TOTAL	---	---	6.998	17.116	3.643	3.348	2.353	4.357	3.178	1.638	---	---	TOTAL
MEAN	---	---	0.193	0.571	0.118	0.112	0.073	0.141	0.108	0.050	---	---	MEAN
MAX	---	---	0.300	3.44	0.244	0.218	0.147	0.190	0.159	0.088	---	---	MAX
MIN	---	---	0.031	0.088	0.073	0.084	0.008	0.082	0.087	0.038	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.159
MAXIMUM DAILY, 3.44 ON APR 4
MINIMUM DAILY, 0.005 ON JUL 16
MAXIMUM INSTANTANEOUS,
7.08 AT 00:35 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 30 N
LONG 113 08 30 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	195
FEB	---	AUG	378
MAR	518	SEP	274
APR	1 480	OCT	133
MAY	316	NOV	---
JUN	289	DEC	---

TOTAL DISCHARGE, 3 580 dam³

ROMEO CREEK ABOVE ROMEO LAKE - STATION NO. 07BB903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0808	0.080	0.049	0	0E	0	0	---	---	1
2	---	---	0 B	1.11 B	0.089	0.042	0	0E	0	0	---	---	2
3	---	---	0 B	1.89	0.101	0.046	0	0E	0	0	---	---	3
4	---	---	0 B	2.78	0.108	0.038	0	0	0	0	---	---	4
5	---	---	0 B	3.05	0.115	0.030	0	0	0	0	---	---	5
6	---	---	0 B	2.28	0.126	0.031	0	0	0	0	---	---	6
7	---	---	0 B	1.71	0.137	0.024	0	0	0	0	---	---	7
8	---	---	0 B	1.46	0.132	0.017	0	0	0	0	---	---	8
9	---	---	0 B	1.28	0.118	0.008	0	0	0	0	---	---	9
10	---	---	0 B	1.20	0.123	0	0	0	0	0	---	---	10
11	---	---	0 B	1.06	0.118	0	0	0	0	0	---	---	11
12	---	---	0 B	0.811	0.106	0	0	0	0	0	---	---	12
13	---	---	0 B	0.709	0.095	0	0	0	0	0	---	---	13
14	---	---	0 B	0.666	0.087	0	0	0	0	0	---	---	14
15	---	---	0 B	0.590	0.076	0	0	0	0	0	---	---	15
16	---	---	0 B	0.488	0.070	0	0	0	0	0	---	---	16
17	---	---	0 B	0.416	0.064	0	0E	0	0	0	---	---	17
18	---	---	0 B	0.342	0.053	0	0E	0	0	0	---	---	18
19	---	---	0 B	0.272	0.058	0	0E	0	0	0	---	---	19
20	---	---	0 B	0.217	0.064	0	0E	0	0	0	---	---	20
21	---	---	0 B	0.158	0.062	0	0E	0	0	0	---	---	21
22	---	---	0 B	0.112	0.052	0	0E	0	0	0	---	---	22
23	---	---	0 B	0.082	0.045	0	0E	0	0	0	---	---	23
24	---	---	0.0088	0.086	0.042	0	0E	0	0	0	---	---	24
25	---	---	0.0118	0.077	0.034	0	0E	0	0	0	---	---	25
26	---	---	0.0088	0.077	0.027	0	0E	0	0	0	---	---	26
27	---	---	0 B	0.074	0.028	0	0E	0	0	0	---	---	27
28	---	---	0 B	0.076	0.029	0	0E	0	0	0	---	---	28
29	---		0 B	0.078	0.051	0	0E	0	0	0E	---	---	29
30	---		0.0228	0.082	0.080	0	0E	0	0	0E	---	---	30
31	---		0.0338		0.085		0E	0		0E		---	31
TOTAL	---	---	0.078	23.494	2.411	0.282	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0.783	0.078	0.009	0	0	0	0	---	---	MEAN
MAX	---	---	0.033	3.05	0.137	0.049	0	0	0	0	---	---	MAX
MIN	---	---	0	0.074	0.027	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.107
MAXIMUM DAILY, 3.05 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.78 AT 10:57 MST ON APR 5

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 20 N
LONG 114 54 05 W
DRAINAGE AREA, 116 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	8.74	SEP	0
APR	2 030	OCT	0
MAY	208	NOV	---
JUN	24.4	DEC	---

TOTAL DISCHARGE, 2 270 dam³

RONALANE WASTEWAY NEAR HAYS - STATION NO. 05BN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.533	0.281	0.286	0.311	0.189	0.049	---	1
2	---	---	---	---	0	0.833	0.376	0.423	0.388	0.267	0.012	---	2
3	---	---	---	---	0	0.978	0.423	0.417	0.541	0.321	0.003A	---	3
4	---	---	---	---	0	0.586	0.281	0.438	0.587	0.334	---	---	4
5	---	---	---	---	0	0.288	0.551	0.276	0.539	0.370	---	---	5
6	---	---	---	---									
7	---	---	---	---	0	0.185	0.613	0.065	0.549	0.320	---	---	6
8	---	---	---	---	0	0.366	0.146	0.049	0.482	0.268	---	---	7
9	---	---	---	---	0	0.591	0.235	0.080	0.403	0.215	---	---	8
10	---	---	---	---	0.388	0.460	0.772	0.185	0.301	0.103	---	---	9
				---	0.884	0.235	1.03	0.183	0.278	0.135	---	---	10
11	---	---	---	---									
12	---	---	---	---	0.858	0.338	1.04	0.089	0.239	0.089	---	---	11
13	---	---	---	---	0.714	0.420	0.883	0.148	0.272	0.081	---	---	12
14	---	---	---	---	0.830	0.288	0.680	0.105	0.493	0.088	---	---	13
15	---	---	---	---	0.521	0.425	0.378	0.085	0.647	0.078	---	---	14
				---	0.353	0.895	0.209	0.243	0.304	0.086	---	---	15
16	---	---	---	---									
17	---	---	---	---	0.336	0.236	0.348	0.160	0.287	0.092	---	---	16
18	---	---	---	---	0.281	0.804	0.272	0.357	0.338	0.086	---	---	17
19	---	---	---	---	0.340	0.605	0.297	0.334	0.383	0.077	---	---	18
20	---	---	---	---	0.414	0.335	0.789	0.131	0.380	0.083	---	---	19
				---	0.515	0.736	0.615	0.071	0.438	0.084	---	---	20
21	---	---	---	---									
22	---	---	---	---	0.533	0.784	0.278	0.070	0.376	0.079	---	---	21
23	---	---	---	---	0.484	0.800	0.322	0.201	0.084	0.084	---	---	22
24	---	---	---	0A	0.451	0.811	0.287	0.255	0.041	0.073	---	---	23
25	---	---	---	0	0.511	0.882	0.236	0.233	0.040	0.088	---	---	24
				0	0.344	0.848	0.310	0.281	0.040	0.044	---	---	25
26	---	---	---										
27	---	---	---	0	0.478	0.882	0.481	0.282	0.154	0.013	---	---	26
28	---	---	---	0	0.581	0.703	0.411	0.340	0.295	0.003	---	---	27
29	---		---	0	0.502	0.877	0.455	0.343	0.274	0.008	---	---	28
30	---		---	0	0.117	0.804	0.493	0.253	0.141	0.178	---	---	29
31	---		---	0	0.047	0.808	0.184	0.298	0.123	0.127	---	---	30
					0.288		0.080	0.310		0.088		---	31
TOTAL	---	---	---	---	10.488	16.158	13.483	8.778	8.583	4.188	---	---	TOTAL
MEAN	---	---	---	---	0.338	0.538	0.435	0.218	0.318	0.135	---	---	MEAN
MAX	---	---	---	---	0.884	0.877	1.04	0.438	0.587	0.370	---	---	MAX
MIN	---	---	---	---	0	0.185	0.080	0.049	0.040	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.330
MAXIMUM DAILY, 1.04 ON JUL 11
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 111 35 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 180
FEB	---	AUG	586
MAR	---	SEP	826
APR	---	OCT	382
MAY	808	NOV	---
JUN	1 400	DEC	---

TOTAL DISCHARGE, 5 240 dam³

ROSE CREEK NEAR ALDER FLATS - STATION NO. 05DE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1288	2.33 B	1.33	0.602	1.00	3.55	1.32	0.328	0.364	---	1
2	---	---	0.1358	2.72 B	1.38	0.747	0.983	4.30	1.08	0.378	0.333A	---	2
3	---	---	0.1658	3.18 B	1.32	0.980	0.983	5.21	1.07	0.402	---	---	3
4	---	---	0.1658	4.77 B	1.40	0.539	1.17	3.97	1.17	0.458	---	---	4
5	---	---	0.1808	5.28 B	1.58	0.531	1.38	3.71	1.08	0.442	---	---	5
6	---	---	0.1808	3.41 B	1.33	0.503	1.52	3.51	0.718	0.474	---	---	6
7	---	---	0.1508	4.20 B	1.18	0.480	1.78	2.89	0.823	0.464	---	---	7
8	---	---	0.1308	4.44 B	1.02	0.482	2.48	3.23	0.454	0.438	---	---	8
9	---	---	0.1068	4.19 B	0.907	0.470	2.58	3.08	0.461	0.408	---	---	9
10	---	---	0.0958	3.86 B	0.833	0.488	3.21	5.90	0.481	0.391	---	---	10
11	---	---	0.0908	3.48 B	0.731	0.438	2.78	7.37	0.483	0.384	---	---	11
12	---	---	0.0908	3.05 B	0.674	0.487	2.43	5.87	0.467	0.420	---	---	12
13	---	---	0.0908	3.00 B	0.674	0.488	2.30	4.80	0.438	0.419	---	---	13
14	---	---	0.0958	2.80 B	0.778	0.624	2.13	3.95	0.437	0.387	---	---	14
15	---	---	0.1008	1.70 B	0.807	0.392	1.98	3.58	0.483	0.381	---	---	15
16	---	---	0.1058	1.02 B	0.688	0.421	1.90	3.43	0.858	0.388	---	---	16
17	---	---	0.1158	0.9888	0.883	0.422	2.24	3.13	0.498	0.390	---	---	17
18	---	---	0.1258	1.31 B	0.828	0.483	2.33	2.79	0.828	0.391	---	---	18
19	---	---	0.1358	1.78 B	0.783	0.772	2.28	2.67	0.467	0.374	---	---	19
20	---	---	0.1258	2.03 B	1.27	1.08	2.88	2.67	0.484	0.378	---	---	20
21	---	---	0.1158	1.88 B	1.81	0.818	3.18	2.50	0.484	0.383	---	---	21
22	---	---	0.1108	1.92 B	2.48	0.842	3.18	2.18	0.498	0.372	---	---	22
23	---	---	0.1158	1.80	2.88	0.837	3.38	1.78	0.388	0.386	---	---	23
24	---	---	0.1308	1.88	2.88	0.881	2.78	1.48	0.338	0.389	---	---	24
25	---	---	0.1808	1.88	2.40	0.833	2.24	1.34	0.298	0.371	---	---	25
26	---	0.1838	0.2848	1.40	2.10	0.818	3.27	1.31	0.275	0.388	---	---	26
27	---	0.1488	0.3648	1.30	1.70	0.832	2.78	1.22	0.308	0.375	---	---	27
28	---	0.1248	0.2118	1.28	1.42	0.748	2.17	1.08	0.309	0.387	---	---	28
29	---		0.4038	1.27	1.24	0.818	1.72	1.24	0.322	0.383	---	---	29
30	---		1.71 B	1.22	1.18	0.833	1.44	1.78	0.288	0.388	---	---	30
31	---		2.11 B		0.886		2.00	1.88		0.388		---	31
TOTAL	---	---	5.183	74.628	40.422	17.701	88.288	98.31	18.832	12.207	---	---	TOTAL
MEAN	---	---	0.283	2.49	1.30	0.590	2.20	3.11	0.581	0.394	---	---	MEAN
MAX	---	---	2.11	5.28	2.88	1.08	3.38	7.37	1.32	0.474	---	---	MAX
MIN	---	---	0.090	0.888	0.528	0.392	0.883	1.08	0.278	0.325	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.37
MAXIMUM DAILY, 7.37 ON AUG 11
MINIMUM DAILY, 0.0908 ON MAR 11
MAXIMUM INSTANTANEOUS,
10.2 AT 18:58 MST ON AUG 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 48 N
LONG 115 00 38 W
DRAINAGE AREA, 551 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 800
FEB	---	AUG	6 320
MAR	705	SEP	1 450
APR	4 450	OCT	1 050
MAY	3 490	NOV	---
JUN	1 530	DEC	---

TOTAL DISCHARGE, 25 800 dam³

ROSEBUD RIVER AT REDLAND - STATION NO. 05CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1708	4.008	1.13	1.98	1.80	2.84	3.18	2.82	0.468	---	1
2	---	---	0.1958	4.708	1.12	2.21	1.98	2.81	3.13	2.73	0.463A	---	2
3	---	---	0.2158	3.428	1.16	2.18	1.95	2.81	3.38	2.83	---	---	3
4	---	---	0.2308	3.108	1.05	2.03	3.12	2.34	3.71	3.28	---	---	4
5	---	---	0.2258	6.378	0.821	1.85	7.37	2.40	4.00	3.18	---	---	5
6	---	---	0.2008	7.358	0.780	1.40	8.83	2.94	4.31	2.79	---	---	6
7	---	---	0.1908	4.468	0.719	1.30	10.7	3.24	4.38	2.18	---	---	7
8	---	---	0.1808	5.478	0.822	1.83	9.81	3.08	4.11	1.47	---	---	8
9	---	---	0.1958	4.13	0.963	1.88	7.48	2.98	3.88	1.11	---	---	9
10	---	---	0.1958	3.03	1.40	1.50	6.38	3.04	3.88	0.892	---	---	10
11	---	---	0.2008	2.85	1.48	1.57	5.71	3.28	3.85	0.783	---	---	11
12	---	---	0.2008	2.37	1.80	1.42	5.04	3.58	3.83	0.885	---	---	12
13	---	---	0.2008	2.07	1.89	1.08	4.62	3.67	3.88	0.801	---	---	13
14	---	---	0.2008	1.88	1.82	1.08	4.27	4.30	3.88	0.594	---	---	14
15	---	---	0.2028	1.73	1.70	1.18	3.80	4.78	3.85	0.521	---	---	15
16	---	---	0.2048	1.54	1.43	1.80	3.03	5.47	3.37	0.482	---	---	16
17	---	---	0.2068	1.41	1.41	1.85	2.78	5.81	3.24	0.488	---	---	17
18	---	---	0.2108	1.44	1.87	1.81	2.82	6.02	3.13	0.457	---	---	18
19	---	---	0.2158	1.88	1.88	2.28	2.84	4.48	3.08	0.400	---	---	19
20	---	---	0.2228	1.81	1.81	2.77	3.88	4.33	3.08	0.378	---	---	20
21	---	---	0.2358	1.71	1.33	3.33	4.88	4.24	2.87	0.381	---	---	21
22	---	---	0.2458	1.84	1.23	3.37	4.38	4.12	2.88	0.328	---	---	22
23	---	0.1188	0.2058	1.40	1.38	3.38	4.81	3.70	2.88	0.304	---	---	23
24	---	0.1208	0.2888	1.32	1.89	2.78	5.33	3.30	2.88	0.328	---	---	24
25	---	0.1328	0.3508	1.28	1.78	2.18	4.87	3.00	2.78	0.313	---	---	25
26	---	0.1248	0.4808	1.18	1.83	2.05	4.30	2.80	2.78	0.295	---	---	26
27	---	0.1368	0.8208	1.13	1.33	2.01	4.01	2.83	2.78	0.287	---	---	27
28	---	0.1388	0.8808	1.08	0.833	1.92	3.85	2.87	2.77	0.512	---	---	28
29	---		1.10 B	1.07	1.08	1.75	3.82	2.87	2.80	0.524	---	---	29
30	---		1.48 B	1.08	1.38	1.88	3.07	2.88	2.78	0.484	---	---	30
31	---		2.20 B		1.88		2.83	3.07		0.482		---	31
TOTAL	---	---	12.123	77.38	41.887	57.88	143.48	108.04	100.22	32.628	---	---	TOTAL
MEAN	---	---	0.381	2.58	1.34	1.83	4.83	3.48	3.34	1.05	---	---	MEAN
MAX	---	---	2.20	7.38	1.88	3.37	10.7	6.81	4.38	3.28	---	---	MAX
MIN	---	---	0.170	1.08	0.718	1.08	1.80	2.34	2.78	0.288	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.34
MAXIMUM DAILY, 10.7 ON JUL 7
MINIMUM DAILY, 0.1708 ON MAR 1
MAXIMUM INSTANTANEOUS,
10.8 AT 16:27 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 38 N
LONG 113 00 38 W
DRAINAGE AREA, 3 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 400
FEB	---	AUG	9 330
MAR	1 050	SEP	5 880
APR	5 880	OCT	2 820
MAY	3 880	NOV	---
JUN	5 010	DEC	---

TOTAL DISCHARGE, 49 800 dam³

ROSEBUD RIVER BELOW CARSTAIRS CREEK - STATION NO. 05CE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.93 B	0.278	0.082	0.007	0.001	0.001	0	0.001	---	1
2	---	---	0.0028	1.93 B	0.267	0.087	0.004	0.001	0.001	0.001	0.001A	---	2
3	---	---	0.0208	1.68 B	0.260	0.087	0.002	0.001	0.008	0.002	---	---	3
4	---	---	0.0308	1.53 B	0.278	0.083	0.027	0.001	0.007	0.003	---	---	4
5	---	---	0.0408	1.78 B	0.278	0.048	0.037	0.003	0.008	0.004	---	---	5
6	---	---	0.0328	1.38	0.277	0.036	0.035	0.002	0.008	0.003	---	---	6
7	---	---	0.0128	1.07	0.242	0.028	0.017	0.001	0.008	0.001	---	---	7
8	---	---	0.0068	0.908	0.206	0.021	0.018	0.001	0.006	0.001	---	---	8
9	---	---	0.0028	0.718	0.168	0.014	0.021	0.001	0.001	0.001	---	---	9
10	---	---	0.0038	0.588	0.158	0.012	0.013	0.003	0.001	0.038	---	---	10
11	---	---	0.0048	0.533	0.178	0.008	0.007	0.008	0.001	0.008	---	---	11
12	---	---	0.0158	0.419	0.162	0.005	0.004	0.004	0.004	0.004	---	---	12
13	---	---	0.0068	0.380	0.178	0.003	0.002	0.008	0.005	0.003	---	---	13
14	---	---	0.0088	0.317	0.163	0.002	0.001	0.018	0.002	0.003	---	---	14
15	---	---	0.0108	0.270	0.155	0.002	0.001	0.012	0.001	0.003	---	---	15
16	---	---	0.0108	0.238	0.152	0.000	0.001	0.007	0	0.002	---	---	16
17	---	---	0.0208	0.244	0.150	0.004	0.001	0.005	0	0.002	---	---	17
18	---	---	0.0148	0.274	0.148	0.004	0.001	0.004	0	0.002	---	---	18
19	---	---	0.0108	0.268	0.142	0.003	0.010	0.007	0	0.001	---	---	19
20	---	---	0.0118	0.251	0.140	0.004	0.012	0.007	0	0.001	---	---	20
21	---	---	0.0128	0.290	0.134	0.004	0.008	0.008	0	0.001	---	---	21
22	---	---	0.0138	0.382	0.126	0.003	0.008	0.004	0	0 001	---	---	22
23	---	---	0.0148	0.354	0.122	0.002	0.008	0.003	0	0.001	---	---	23
24	---	0B	0.0208	0.358	0.118	0.001	0.003	0.002	0	0.001	---	---	24
25	---	0B	0.0548	0.387	0.132	0.008	0.001	0.002	0	0.001	---	---	25
26	---	0B	0.0468	0.435	0.125	0.010	0.001	0 001	0	0.001	---	---	26
27	---	0B	0.0488	0.529	0.116	0.008	0.003	0.001	0	0.001	---	---	27
28	---	0B	0.0198	0.388	0.125	0.010	0.003	0.001	0	0.001	---	---	28
29	---		0.0818	0.321	0.133	0.008	0.003	0.002	0	0.001	---	---	29
30	---		0.1898	0.265	0.110	0.007	0.002	0.001	0	0.001	---	---	30
31	---		1.83 B		0.098		0.001	0.001		0.001		---	31
TOTAL	---	---	2.570	21.257	5.400	0.518	0.239	0.112	0.083	0.092	---	---	TOTAL
MEAN	---	---	0.083	0.709	0.174	0.017	0.008	0.004	0.002	0.003	---	---	MEAN
MAX	---	---	1.83	2.93	0.280	0.082	0.027	0.018	0.009	0.038	---	---	MAX
MIN	---	---	0	0.238	0.098	0.001	0.001	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.123
MAXIMUM DAILY, 2.638 ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 35 00 N
LONG 113 43 35 W
DRAINAGE AREA, 753 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20.6
FEB	---	AUG	9.58
MAR	222	SEP	5.44
APR	1 840	OCT	7.95
MAY	487	NOV	---
JUN	44.8	DEC	---

TOTAL DISCHARGE, 2 820 dam³

ROSS CREEK AT MEDICINE HAT - STATION NO. 05AH049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.261	0.672	0.427	0.311	0.469	0.485	0.166	---	1
2	---	---	---	---	0.227	0.816	0.244	0.389	0.437	0.389	0.182	---	2
3	---	---	---	---	0.201	0.703	0.414	0.384	0.432	0.287	0.139	---	3
4	---	---	---	---	0.188	0.483	0.577	0.442	0.422	0.228	0.137A	---	4
5	---	---	---	---	0.172	0.788	0.585	0.424	0.447	0.286	---	---	5
6	---	---	---	---	1.38	0.871	0.894	0.289	0.475	0.312	---	---	6
7	---	---	---	---	1.46	0.812	0.564	0.248	0.495	0.288	---	---	7
8	---	---	---	---	1.36	0.482	0.240	0.320	0.477	0.167	---	---	8
9	---	---	---	---	1.21	0.315	0.202	0.307	0.493	0.196	---	---	9
10	---	---	---	---	0.897	0.185	0.385	0.412	0.510	0.497	---	---	10
11	---	---	---	---	0.821	0.185	0.422	0.516	0.517	0.744	---	---	11
12	---	---	---	---	0.690	0.308	0.324	0.883	0.528	0.440	---	---	12
13	---	---	---	---	0.520	0.480	0.181	0.730	0.506	0.194	---	---	13
14	---	---	---	---	0.319	0.624	0.306	1.22	0.483	0.136	---	---	14
15	---	---	---	---	0.306	0.716	0.389	0.707	0.482	0.123	---	---	15
16	---	---	---	---	0.347	0.686	0.298	0.817	0.474	0.116	---	---	16
17	---	---	---	---	0.383	0.484	0.185	0.831	0.415	0.180	---	---	17
18	---	---	---	---	0.484	0.375	0.295	0.451	0.389	0.127	---	---	18
19	---	---	---	---	0.598	0.315	0.280	0.406	0.314	0.123	---	---	19
20	---	---	---	---	0.894	0.784	0.328	0.442	0.269	0.117	---	---	20
21	---	---	---	---	0.732	0.682	0.428	0.487	0.278	0.118	---	---	21
22	---	---	---	---	0.633	0.726	0.847	0.446	0.387	0.115	---	---	22
23	---	---	---	---	0.800	0.758	0.847	0.428	0.390	0.118	---	---	23
24	---	---	---	---	0.482	0.518	0.907	0.761	0.317	0.117	---	---	24
25	---	---	---	---	0.503	0.288	0.593	0.858	0.316	0.128	---	---	25
26	---	---	---	---	0.782	0.285	0.584	0.585	0.284	0.128	---	---	26
27	---	---	---	---	0.681	0.491	1.34	0.512	0.387	0.115	---	---	27
28	---	---	---	---	0.648	0.512	0.859	0.508	0.412	0.132	---	---	28
29	---		---	---	0.537	0.633	0.781	0.484	0.448	0.118	---	---	29
30	---		---	0.183A	0.608	0.480	0.886	0.470	0.418	0.110	---	---	30
31	---		---	0.244	0.687		0.849	0.485		0.150		---	31
TOTAL	---	---	---	---	19.378	15.775	14.750	15.714	12.889	6.710	---	---	TOTAL
MEAN	---	---	---	---	0.625	0.526	0.476	0.507	0.423	0.216	---	---	MEAN
MAX	---	---	---	---	1.46	0.883	1.34	1.22	0.528	0.764	---	---	MAX
MIN	---	---	---	---	0.188	0.185	0.185	0.248	0.269	0.110	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.482
MAXIMUM DAILY, 1.46 ON MAY 7
MINIMUM DAILY, 0.110 ON OCT 30

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 47 N
LONG 110 38 27 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 380
FEB	---	AUG	1 380
MAR	---	SEP	1 100
APR	---	OCT	880
MAY	1 870	NOV	---
JUN	1 380	DEC	---

TOTAL DISCHARGE, 7 380 dam³

ROSS CREEK NEAR IRVINE - STATION NO. 05AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0408	0.0818	1.17	0.084	0.004	0	0	0	0	0	---	1
2	---	0.0488	0.0688	2.87	0.120	0.004	0	0	0	0	0	---	2
3	---	0.0748	0.1248	2.38	0.118	0.004	0	0	0	0	0	---	3
4	---	0.0508	0.1588	2.14	0.084	0.004	0	0	0	0	0A	---	4
5	---	0.0388	0.8438	2.18	0.081	0.004	0	0	0	0	---	---	5
6	---	0.0618	2.38 B	1.58	0.048	0.004	0	0	0	0	---	---	6
7	---	0.0828	3.58 B	1.27	0.037	0.004	0	0	0	0	---	---	7
8	---	0.2678	1.88	1.04	0.032	0.004	0	0	0	0	---	---	8
9	---	0.4118	0.802	0.781	0.023	0.004	0	0	0	0	---	---	9
10	---	0.2888	0.544	0.587	0.018	0.003	0	0	0	0	---	---	10
11	---	0.5308	0.4188	0.488	0.011	0.002	0	0	0	0	---	---	11
12	---	0.5798	0.308	0.453	0.009	0.002	0	0	0	0	---	---	12
13	---	0.7788	0.288	0.487	0.008	0.002	0	0	0	0	---	---	13
14	---	0.8118	0.376	0.442	0.005	0.002	0	0	0	0	---	---	14
15	---	0.8678	0.550	0.440	0.004	0.002	0	0	0	0	---	---	15
16	---	0.9818	0.774	0.420	0.004	0.001	0	0	0	0	---	---	16
17	---	0.8888	0.709	0.385	0.003	0.001	0	0	0	0	---	---	17
18	---	0.8898	0.618	0.328	0.003	0	0	0	0	0	---	---	18
19	---	0.8758	0.514	0.303	0.002	0	0	0	0	0	---	---	19
20	---	0.7388	0.499	0.267	0.002	0.001	0	0	0	0	---	---	20
21	---	0.7768	0.475	0.235	0.007	0.001	0	0	0	0	---	---	21
22	---	0.8688	0.4338	0.196	0.005	0	0	0	0	0	---	---	22
23	---	0.8068	0.3068	0.166	0.004	0	0	0	0	0	---	---	23
24	---	0.4718	0.3248	0.158	0.004	0	0	0	0	0	---	---	24
25	---	0.3198	0.261	0.158	0.004	0	0	0	0	0	---	---	25
26	---	0.2728	0.455	0.142	0.004	0	0	0	0	0	---	---	26
27	---	0.1688	0.7298	0.126	0.004	0	0	0	0	0	---	---	27
28	0.0388	0.1298	0.5898	0.118	0.003	0	0	0	0	0	---	---	28
29	0.0378		0.4498	0.104	0.003	0	0	0	0	0	---	---	29
30	0.0328		0.4698	0.092	0.003	0	0	0	0	0	---	---	30
31	0.0358		0.548		0.003		0	0		0		---	31
TOTAL	---	12.843	19.885	21.373	0.710	0.053	0	0	0	0	---	---	TOTAL
MEAN	---	0.459	0.641	0.712	0.023	0.002	0	0	0	0	---	---	MEAN
MAX	---	0.961	3.58	2.87	0.120	0.004	0	0	0	0	---	---	MAX
MIN	---	0.038	0.088	0.092	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.201
MAXIMUM DAILY, 3.588 ON MAR 7
MINIMUM DAILY, 0 ON JUN 18
MAXIMUM INSTANTANEOUS,
3.91 AT 13:19 MST ON MAR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 27 N
LONG 110 22 00 W
DRAINAGE AREA, 847 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1 110	AUG	0
MAR	1 720	SEP	0
APR	1 850	OCT	0
MAY	61.3	NOV	---
JUN	4.66	DEC	---

TOTAL DISCHARGE, 4 750 dam³

RUSH LAKE DRAIN NEAR NEW DAYTON - STATION NO. 05AF031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0508	0.355	0.134	0.045	0.011	0.078	0.043	0.047	0.020	---	1
2	---	---	0.0408	0.384	0.118	0.041	0.012	0.080	0.040	0.047	0.019	---	2
3	---	---	0.0488	0.188	0.110	0.046	0.013	0.081	0.035	0.040	0.019	---	3
4	---	---	0.128	0.218	0.139	0.039	0.008	0.074	0.043	0.024	0.018A	---	4
5	---	---	0.164	0.641	0.138	0.028	0.028	0.062	0.044	0.025	---	---	5
6	---	---	0.217	0.887	0.210	0.021	0.051	0.057	0.042	0.027	---	---	6
7	---	---	0.187	0.469	0.212	0.017	0.019	0.106	0.047	0.025	---	---	7
8	---	---	0.1358	0.249	0.182	0.013	0.013	0.089	0.048	0.080	---	---	8
9	---	---	0.0808	0.179	0.184	0.026	0.010	0.088	0.038	0.157	---	---	9
10	---	---	0.0808	0.137	0.223	0.018	0.008	0.118	0.028	0.108	---	---	10
11	---	---	0.0708	0.122	0.233	0.078	0.011	0.181	0.028	0.108	---	---	11
12	---	---	0.0888	0.120	0.203	0.087	0.010	0.108	0.025	0.037	---	---	12
13	---	---	0.084	0.122	0.218	0.035	0.012	0.088	0.031	0.022	---	---	13
14	---	---	0.087	0.120	0.284	0.040	0.008	0.073	0.035	0.088	---	---	14
15	---	---	0.120	0.121	0.182	0.183	0.007	0.103	0.035	0.048	---	---	15
16	---	---	0.118	0.121	0.132	0.178	0.005	0.088	0.034	0.045	---	---	16
17	---	---	0.108	0.111	0.118	0.183	0.004	0.082	0.038	0.042	---	---	17
18	---	---	0.098	0.112	0.071	0.073	0.015	0.075	0.085	0.039	---	---	18
19	---	---	0.078	0.113	0.050	0.118	0.218	0.048	0.052	0.038	---	---	19
20	---	---	0.085	0.108	0.089	0.305	0.127	0.042	0.053	0.033	---	---	20
21	---	---	0.088	0.104	0.086	0.283	0.051	0.031	0.054	0.032	---	---	21
22	---	---	0.077	0.108	0.047	0.128	0.087	0.044	0.082	0.032	---	---	22
23	---	---	0.0788	0.429	0.034	0.035	0.122	0.042	0.031	0.032	---	---	23
24	---	---	0.0808	0.358	0.034	0.024	0.093	0.122	0.028	0.030	---	---	24
25	---	0.0118	0.0988	0.248	0.024	0.018	0.081	0.283	0.044	0.028	---	---	25
26	---	0.0108	0.1108	0.183	0.058	0.013	0.078	0.018	0.048	0.024	---	---	26
27	---	0.0098	0.0788	0.174	0.054	0.011	0.088	0.045	0.049	0.024	---	---	27
28	---	0.0098	0.0408	0.159	0.081	0.010	0.082	0.080	0.050	0.024	---	---	28
29	---		0.0708	0.150	0.031	0.040	0.081	0.041	0.048	0.022	---	---	29
30	---		0.085	0.143	0.021	0.020	0.082	0.044	0.048	0.021	---	---	30
31	---		0.120		0.034		0.085	0.045		0.021		---	31
TOTAL	---	---	2.572	7.225	3.693	2.136	1.508	2.408	1.253	1.311	---	---	TOTAL
MEAN	---	---	0.098	0.241	0.119	0.071	0.049	0.078	0.042	0.042	---	---	MEAN
MAX	---	---	0.217	0.887	0.284	0.305	0.218	0.283	0.085	0.157	---	---	MAX
MIN	---	---	0.040	0.104	0.021	0.010	0.004	0.018	0.025	0.021	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 0.887 ON APR 6
MINIMUM DAILY, 0.004 ON JUL 17
MAXIMUM INSTANTANEOUS,
1.62 AT 01:25 MST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 57 N
LONG 112 10 40 W
DRAINAGE AREA, 606 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	130
FEB	---	AUG	208
MAR	257	SEP	108
APR	624	OCT	113
MAY	318	NOV	---
JUN	185	DEC	---

TOTAL DISCHARGE, 1 840 dam³

RYCROFT SURVEY NO. 3 NEAR RYCROFT - STATION NO. 07FD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.2638	0	0	0	0	0	0	---	---	1
2	---	---	---	0.6198	0	0	0	0	0	0	---	---	2
3	---	---	---	0.2708	0	0	0	0	0	0	---	---	3
4	---	---	---	0.2638	0	0	0	0	0	0	---	---	4
5	---	---	---	0.1328	0	0	0	0	0	0	---	---	5
6	---	---	---	0.105	0	0	0	0	0	0	---	---	6
7	---	---	---	0.072	0	0	0	0	0	0	---	---	7
8	---	---	---	0.081	0	0	0	0	0	0	---	---	8
9	---	---	---	0.078	0	0	0	0	0	0	---	---	9
10	---	---	---	0.081	0	0	0	0	0	0	---	---	10
11	---	---	---	0.088	0	0	0	0	0	0	---	---	11
12	---	---	---	0.040	0	0	0	0	0	0	---	---	12
13	---	---	---	0.021	0	0	0	0	0	0	---	---	13
14	---	---	---	0.013	0	0	0	0	0	0	---	---	14
15	---	---	---	0.006	0	0	0	0	0	0	---	---	15
16	---	---	---	0.002	0	0	0	0	0	0	---	---	16
17	---	---	---	0	0	0	0	0	0	0	---	---	17
18	---	---	---	0	0	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---		---	0	0	0	0	0	0	0	---	---	29
30	---		---	0	0	0	0	0	0	0	---	---	30
31	---		---	0			0	0		0	---	---	31
TOTAL	---	---	---	2.103	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.070	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	0.619	0	0	0	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.619B ON APR 2
MINIMUM DAILY, 0 ON APR 17
MAXIMUM INSTANTANEOUS,
1.31B AT 19:03 MST ON APR 2

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - DATA FOR 1982 ARE ALSO AVAILABLE

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 00 N
LONG 118 38 00 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	182	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

SADDLE RIVER NEAR WOKING - STATION NO 07FD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR		APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	17.0	B	0.400	1.02	0.001	0	0.735	0.001	---	---	1
2	---	---	0	B	8.50	B	0.442	0.720	0.001	0	0.771	0.001	---	---	2
3	---	---	0	B	4.58	B	0.784	0.512	0.001	0	0.769	0.001	---	---	3
4	---	---	0	B	4.08	B	0.787	0.381	0.001	0.217	0.747	0.001	---	---	4
5	---	---	0	B	3.98	B	0.644	0.316	0.003	0.181	0.637	0.001	---	---	5
6	---	---	0	B	2.85	B	0.581	8.44	0.008	0.113	0.667	0.001	---	---	6
7	---	---	0	B	2.29	B	0.513	4.36	0.013	0.041	0.676	0.003	---	---	7
8	---	---	0	B	2.08	B	0.388	1.81	0.024	0.022	0.643	0.004	---	---	8
9	---	---	0	B	2.02	B	0.272	1.13	0.024	0.023	0.667	0.003	---	---	9
10	---	---	0	B	1.62	B	0.402	0.807	0.030	0.034	0.813	0.004	---	---	10
11	---	---	0	B	1.62	B	0.219	0.629	0.039	0.382	0.561	0.005	---	---	11
12	---	---	0	B	1.58		0.236	0.408	0.035	0.872	0.436	0.004	---	---	12
13	---	---	0	B	1.50		0.182	0.426	0.023	0.372	0.227	0.003	---	---	13
14	---	---	0	B	1.31		0.260	0.376	0.018	0.287	0.038	0.004	---	---	14
15	---	---	0	B	1.28		0.234	0.148	0.011	0.187	0.012	0.005	---	---	15
16	---	---	0	B	1.28		0.185	0.085	0.010	0.118	0.012	0.005	---	---	16
17	---	08	0	B	1.13		0.128	0.035	0.008	0.108	0.012	0.004	---	---	17
18	---	08	0	B	0.992		0.103	0.022	0.011	0.087	0.001	0.003	---	---	18
19	---	08	0	B	0.880		0.108	0.018	0.010	0.141	0	0.002	---	---	19
20	---	08	0	B	0.822		0.113	0.082	0.007	0.238	0	0.002	---	---	20
21	---	08	0	B	0.470		0.090	0.057	0.004	0.163	0	0.003	---	---	21
22	---	08	0	B	0.404		0.153	0.039	0.002	0.108	0	0.002	---	---	22
23	---	08	0	B	0.322		0.084	0.020	0.001	0.081	0	0.803	---	---	23
24	---	08	0	B	0.270		0.070	0.022	0.001	0.080	0	0.002	---	---	24
25	---	08	0	B	0.282		0.055	0.054	0.001	0.047	0	0.001	---	---	25
26	---	08	0.0028		0.284		0.037	0.037	0.001	0.030	0	0.001	---	---	26
27	---	08	0.0068		0.233		0.027	0.007	0	0.110	0	0.001	---	---	27
28	---	08	0.0108		0.272		0.020	0.004	0	0.250	0	0.001	---	---	28
29	---		0.0508		0.358		0.055	0.005	0	0.435	0.001	0.001A	---	---	29
30	---		1.00	B	0.512		0.209	0.002	0	0.488	0.001	0.001E	---	---	30
31	---		10.0	B			1.24		0	0.614		0.001E	---	---	31
TOTAL	---	---	11.087		85.483		8.946	21.782	0.287	5.410	8.271	8.073	---	---	TOTAL
MEAN	---	---	0.357		2.18		0.288	0.726	0.009	0.175	0.276	0.002	---	---	MEAN
MAX	---	---	10.0		17.0		1.24	8.44	0.038	0.614	0.788	0.805	---	---	MAX
MIN	---	---	0		0.233		0.020	0.002	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 17.0B ON APR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 39 N
LONG 118 41 51 W
DRAINAGE AREA, 528 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	24.8
FEB	---	AUG	487
MAR	958	SEP	715
APR	5 880	OCT	6.31
MAY	773	NOV	---
JUN	1 880	DEC	---

TOTAL DISCHARGE, 10 800 dam³

SAGE CREEK AT Q RANCH NEAR WILDHORSE - STATION NO. 11AA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1138	3.82	0.035	0.001	0	0	0	0	---	---	1
2	---	---	0.1168	2.88	0.031	0	0	0	0	0	---	---	2
3	---	---	0.0898	1.35	0.025	0	0	0	0	0	---	---	3
4	---	---	0.0728	0.894	0.024	0	0	0	0	0	---	---	4
5	---	---	7.40 E	0.727	0.021	0	0	0	0	0	---	---	5
6	---	---	10.6 E	0.630	0.019	0	0	0	0	0	---	---	6
7	---	---	7.65 E	0.519	0.018	0	0	0	0	0	---	---	7
8	---	---	8.02 E	0.456	0.014	0	0	0	0	0	---	---	8
9	---	---	3.00 E	0.386	0.013	0	0	0	0	0	---	---	9
10	---	---	1.80 E	0.266	0.008	0	0	0	0	0	---	---	10
11	---	---	0.5668	0.216	0.007	0	0	0	0	0	---	---	11
12	---	---	0.3608	0.171	0.007	0	0	0	0	0	---	---	12
13	---	---	0.3368	0.138	0.006	0	0	0	0	0	---	---	13
14	---	---	0.3268	0.128	0.004	0	0	0	0	0	---	---	14
15	---	---	0.8938	0.117	0.004	0	0	0	0	0	---	---	15
16	---	---	3.72 E	0.100	0.004	0	0	0	0	0	---	---	16
17	---	---	1.46 E	0.089	0.503	0	0	0	0	0	---	---	17
18	---	---	0.7868	0.083	0.003	0	0	0	0	0	---	---	18
19	---	---	0.8838	0.073	0.003	0	0	0	0	0	---	---	19
20	---	---	0.8318	0.148	0.001	0	0	0	0	0	---	---	20
21	---	---	0.7118	0.243	0	0	0	0	0	0	---	---	21
22	---	---	0.5788	0.173	0.001	0	0	0	0	0	---	---	22
23	---	---	0.4618	0.126	0.001	0	0	0	0	0	---	---	23
24	---	0.3888	0.3318	0.096	0.002	0	0	0	0	0	---	---	24
25	---	0.2908	0.2888	0.081	0.004	0	0	0	0	0	---	---	25
26	---	0.2418	0.3388	0.085	0.008	0	0	0	0	0	---	---	26
27	---	0.1708	1.84 E	0.056	0.009	0	0	0	0	0	---	---	27
28	---	0.1318	1.76 E	0.047	0.005	0	0	0	0	0	---	---	28
29	---		1.12 E	0.042	0.002	0	0	0	0	0	---	---	29
30	---		0.875	0.041	0.001	0	0	0	0	0	---	---	30
31	---		1.08		0.002		0	0		0		---	31
TOTAL	---	---	85.294	13.889	0.284	0.001	0	0	0	0	---	---	TOTAL
MEAN	---	---	1.78	0.463	0.009	0	0	0	0	0	---	---	MEAN
MAX	---	---	10.6	3.82	0.035	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0.089	0.041	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.323
MAXIMUM DAILY, 10.60 ON MAR 6
MINIMUM DAILY, 0 ON MAY 21
MAXIMUM INSTANTANEOUS,
12.60 AT 03:26 MST ON MAR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 28 N
LONG 110 13 23 W
DRAINAGE AREA, 486 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	4 770	SEP	0
APR	1 200	OCT	0
MAY	24.5	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 5 990 dam³

SAKWATAMAU RIVER NEAR WHITECOURT - STATION NO. 07AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8438	1.128	5.84	11.7	2.81	5.55	2.85	1.98	2.078	---	1
2	---	---	0.8428	1.268	7.78	8.95	2.84	9.77	3.23	1.84	2.088	---	2
3	---	---	0.8418	1.508	11.1	7.31	2.45	10.8	4.58	1.95	2.138	---	3
4	---	---	0.8408	2.338	11.2	6.26	2.20	8.50	12.2	2.18	---	---	4
5	---	---	0.8398	3.188	9.35	5.35	2.02	7.88	9.18	2.83	---	---	5
6	---	---	0.8388	3.988	7.84	5.04	1.92	6.78	7.11	3.14	---	---	6
7	---	---	0.8378	4.808	6.85	5.32	1.78	5.63	5.68	2.74	---	---	7
8	---	---	0.8368	5.608	6.18	5.20	1.81	4.44	4.77	2.51	---	---	8
9	---	---	0.8358	6.208	5.81	4.78	2.03	3.78	4.18	2.38	---	---	9
10	---	---	0.8348	6.008	5.48	4.35	2.57	3.78	4.07	2.28	---	---	10
11	---	---	0.8408	5.808	5.18	7.78	2.78	5.48	4.28	2.19	---	---	11
12	---	---	0.8408	5.858	4.88	8.78	2.48	6.87	3.74	2.04	---	---	12
13	---	---	0.8418	5.408	4.57	8.88	2.06	6.18	3.57	2.03	---	---	13
14	---	---	0.8428	5.908	4.30	4.88	1.76	5.33	5.20	1.98	---	---	14
15	---	---	0.8438	5.808	4.03	4.08	1.48	4.88	5.49	1.81	---	---	15
16	---	---	0.8458	5.408	3.84	3.88	1.38	4.14	8.77	1.84	---	---	16
17	---	---	0.8508	5.008	3.81	3.53	1.34	3.78	6.68	1.62	---	---	17
18	---	---	0.8558	5.558	3.88	3.34	1.38	3.78	5.60	1.738	---	---	18
19	---	---	0.8588	5.108	3.88	3.10	1.88	4.43	4.71	1.768	---	---	19
20	---	---	0.8608	4.858	4.84	2.83	1.88	4.32	4.10	1.888	---	---	20
21	---	---	0.8668	4.208	4.81	3.47	1.88	7.82	3.88	1.848	---	---	21
22	---	---	0.8758	3.888	4.38	4.88	2.38	14.0	3.38	1.738	---	---	22
23	---	---	0.8828	3.788	4.10	5.48	3.32	10.8	3.03	1.748	---	---	23
24	---	---	0.8898	3.888	3.80	4.84	2.30	7.81	2.81	1.828	---	---	24
25	---	---	0.8958	3.808	3.82	4.18	2.08	6.18	2.82	1.788	---	---	25
26	---	---	0.9088	3.888	3.38	3.78	2.80	5.28	2.82	1.848	---	---	26
27	---	---	0.9108	3.848	3.18	3.38	5.14	4.84	2.38	1.838	---	---	27
28	---	---	0.9208	4.048	3.12	3.11	4.83	4.13	2.45	1.858	---	---	28
29	---		0.9608	4.48	3.42	3.18	3.88	3.84	2.18	1.808	---	---	29
30	---		0.8808	5.18	7.84	3.08	2.88	3.31	2.09	1.808	---	---	30
31	---		1.03 E		9.08		3.04	3.21		1.838		---	31
TOTAL	---	---	28.872	135.48	171.53	160.43	73.35	167.32	138.12	82.81	---	---	TOTAL
MEAN	---	---	0.870	4.52	5.53	5.01	2.38	5.04	4.60	2.03	---	---	MEAN
MAX	---	---	1.03	6.80	11.2	11.7	5.14	14.0	12.2	3.14	---	---	MAX
MIN	---	---	0.838	1.12	3.12	2.83	1.34	3.21	2.08	1.82	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 14.0 ON AUG 22
MINIMUM DAILY, 0.8368 ON MAR 8
MAXIMUM INSTANTANEOUS,
15.5 AT 02:08 MST ON AUG 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 05 N
LONG 116 48 40 W
DRAINAGE AREA, 440 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 330
FEB	---	AUG	16 200
MAR	3 330	SEP	11 800
APR	11 700	OCT	5 440
MAY	14 800	NOV	---
JUN	13 000	DEC	---

TOTAL DISCHARGE, 81 700 dam³

SALT CREEK NEAR GROUARD - STATION NO. 07BF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0828	0.2288	0.302	0.114	0.101	3.00	0.424	0.140	---	---	1
2	---	---	0.0828	0.6018	0.348	0.128	0.104	2.88	0.425	0.184	---	---	2
3	---	---	0.0848	1.19 B	0.514	0.148	0.087	2.82	0.556	0.130	---	---	3
4	---	---	0.0848	1.70 B	0.482	0.163	0.098	1.33	0.610	0.183	---	---	4
5	---	---	0.0848	2.28 B	0.488	0.121	0.104	0.988	1.30	0.174	---	---	5
6	---	---	0.0808	3.51 B	0.388	0.088	0.090	0.878	0.384	0.188	---	---	6
7	---	---	0.0838	2.87 B	0.340	0.130	0.094	0.586	0.284	0.152	---	---	7
8	---	---	0.0848	2.62 B	0.278	0.202	0.183	0.383	0.208	0.181	---	---	8
9	---	---	0.0818	2.02 B	0.238	0.087	0.838	0.328	0.271	0.193	---	---	9
10	---	---	0.0838	2.11 B	0.213	0.048	0.374	3.56	0.402	0.187	---	---	10
11	---	---	0.0488	1.63 B	0.202	0.028	0.208	8.27	0.424	0.184	---	---	11
12	---	---	0.0508	1.03 B	0.177	0.018	0.148	8.07	0.343	0.150	---	---	12
13	---	---	0.0538	1.88 B	0.152	0.013	0.188	4.23	0.417	0.134	---	---	13
14	---	---	0.0518	1.62 B	0.147	0.011	0.174	3.10	0.388	0.148	---	---	14
15	---	---	0.0548	1.61 B	0.132	0.007	0.180	2.44	0.588	0.186	---	---	15
16	---	---	0.0548	1.88 B	0.117	0.006	0.217	2.25	0.893	0.141	---	---	16
17	---	---	0.0838	1.74 B	0.114	0.005	0.380	1.88	0.559	0.153	---	---	17
18	---	---	0.0828	1.84 B	0.120	0.004	0.388	1.79	0.473	0.150	---	---	18
19	---	---	0.0588	1.88 B	0.138	0.003	0.297	1.25	0.481	0.128	---	---	19
20	---	0.0588	0.0648	1.80 B	0.135	0.002	0.250	1.10	0.430	0.121	---	---	20
21	---	0.0588	0.0688	1.04 B	0.123	0.034	0.211	1.13	0.373	0.121	---	---	21
22	---	0.0808	0.0818	0.7188	0.078	0.028	0.232	0.898	0.387	0.138	---	---	22
23	---	0.0618	0.0838	0.7008	0.083	0.038	0.201	0.784	0.338	0.130	---	---	23
24	---	0.0828	0.0588	0.6428	0.077	0.033	0.158	0.723	0.233	0.120	---	---	24
25	---	0.0838	0.0898	0.537	0.080	0.049	0.129	0.628	0.182	0.112	---	---	25
26	---	0.0848	0.0848	0.808	0.125	0.070	0.121	0.563	0.187	0.110A	---	---	26
27	---	0.0828	0.0748	0.588	0.101	0.086	0.107	0.482	0.188	0.110E	---	---	27
28	---	0.0888	0.0808	0.414	0.074	0.081	0.118	0.437	0.143	0.108E	---	---	28
29	---		0.1088	0.333	0.080	0.088	0.188	0.438	0.188	0.105E	---	---	29
30	---		0.0908	0.304	0.061	0.104	0.180	0.381	0.115	0.108E	---	---	30
31	---		0.1248		0.103		0.341	0.404		0.113E		---	31
TOTAL	---	---	1.948	41.884	5.884	1.978	6.238	52.888	11.883	4.383	---	---	TOTAL
MEAN	---	---	0.063	1.38	0.192	0.066	0.201	1.71	0.398	0.141	---	---	MEAN
MAX	---	---	0.124	3.01	0.514	0.202	0.838	8.27	1.20	0.193	---	---	MAX
MIN	---	---	0.041	0.228	0.074	0.002	0.088	0.328	0.115	0.108	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.519
MAXIMUM DAILY, 8.27 ON AUG 11
MINIMUM DAILY, 0.002 ON JUN 20
MAXIMUM INSTANTANEOUS,
7.82 AT 02:30 MST ON AUG 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 26 N
LONG 118 08 37 W
DRAINAGE AREA, 426 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	539
FEB	---	AUG	4 580
MAR	188	SEP	1 030
APR	3 800	OCT	377
MAY	515	NOV	---
JUN	171	DEC	---

TOTAL DISCHARGE, 11 000 dam³

SAM LAKE TRIBUTARY NEAR SCHULER - STATION NO. 05AH047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0B	0	0	0	0	0	0	0	0	---	1
2	---	0 B	0B	0	0	0	0	0	0	0	0	---	2
3	---	0 B	0B	0	0	0	0	0	0	0	0A	---	3
4	---	0 B	0B	0	0	0	0	0	0	0	---	---	4
5	---									0	---	---	5
6	---	0 B	0B	0	0	0	0	0	0				
7	---	0.0018	0B	0	0	0	0	0	0	0	---	---	6
8	---	0.0048	0B	0	0	0	0	0	0	0	---	---	7
9	---	0 B	0B	0	0	0	0	0	0	0	---	---	8
10	---	0.0018	0B	0	0	0	0	0	0	0	---	---	9
11	---	0 B	0B	0	0	0	0	0	0	0	---	---	10
12	---	0.0018	0B	0	0	0	0	0	0				
13	---	0 B	0E	0	0	0	0	0	0	0	---	---	11
14	---	0 B	0E	0	0	0	0	0	0	0	---	---	12
15	---	0 B	0E	0	0	0	0	0	0	0	---	---	13
16	---	0 B	0E	0	0	0	0	0	0	0	---	---	14
17	---	0 B	0E	0	0	0	0	0	0	0	---	---	15
18	---	0 B	0E	0	0	0	0	0	0				
19	---	0 B	0E	0	0	0	0	0	0	0	---	---	16
20	---	0 B	0E	0	0	0	0	0	0	0	---	---	17
21	---	0 B	0E	0	0	0	0	0	0	0	---	---	18
22	---	0 B	0E	0	0	0	0	0	0	0	---	---	19
23	---	0 B	0E	0	0	0	0	0	0	0	---	---	20
24	---	0 B	0E	0	0	0	0	0	0				
25	---	0 B	0	0	0	0	0	0	0	0	---	---	21
26	---	0 B	0	0	0	0	0	0	0	0	---	---	22
27	---	0 B	0	0	0	0	0	0	0	0	---	---	23
28	0B	0 B	0	0	0	0	0	0	0	0	---	---	24
29	0B		0	0	0	0	0	0	0	0	---	---	25
30	0B		0	0	0	0	0	0	0				
31	0B		0		0		0	0		0	---	---	26
TOTAL	---	0.011	0	0	0	0	0	0	0	0	---	---	27
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	28
MAX	---	0.005	0	0	0	0	0	0	0	0	---	---	29
MIN	---	0	0	0	0	0	0	0	0	0	---	---	30
										0	---	---	31
										0	---	---	TOTAL
										0	---	---	MEAN
										0	---	---	MAX
										0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.0068 ON FEB 12
MINIMUM DAILY, 0B ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 48 N
LONG 110 16 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.96	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.96 dam³

SAND RIVER NEAR THE MOUTH - STATION NO. 06AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.188	1.878	30.4	18.8	7.38	3.72	4.74	3.06	2.628	---	1
2	---	---	2.188	2.108	28.7	17.7	7.43	3.86	4.78	3.01	2.448	---	2
3	---	---	2.188	2.348	29.0	18.0	7.52	3.80	4.84	3.00	2.288	---	3
4	---	---	2.188	2.748	27.8	18.7	7.31	3.41	4.84	3.00	---	---	4
5	---	---	2.148	2.988	27.1	18.4	7.18	3.97	4.48	3.10	---	---	5
6	---	---	2.138	3.618	26.4	18.8	7.20	3.82	4.26	3.03	---	---	6
7	---	---	2.128	4.888	25.8	18.8	6.98	3.47	4.18	2.98	---	---	7
8	---	---	2.118	8.018	24.8	20.0	6.72	3.28	4.06	2.91	---	---	8
9	---	---	2.108	10.0 B	23.8	20.2	6.69	3.27	3.97	2.91	---	---	9
10	---	---	2.098	12.7 B	23.1	20.8	6.76	3.51	3.87	2.93	---	---	10
11	---	---	2.078	14.7 B	23.0	20.9	6.44	3.91	3.78	2.94	---	---	11
12	---	---	2.068	17.5 B	22.4	20.6	6.21	3.18	3.69	2.85	---	---	12
13	---	---	2.048	20.7 B	21.5	19.4	5.99	3.45	3.67	2.88	---	---	13
14	---	---	2.038	22.1 B	20.6	18.2	5.69	3.74	3.71	2.85	---	---	14
15	---	---	2.028	25.8 B	19.8	18.3	5.56	3.83	3.84	2.82	---	---	15
16	---	---	2.018	28.8 B	19.1	15.4	5.34	3.93	4.21	2.74	---	---	16
17	---	---	2.008	40.3	16.0	14.8	5.22	4.07	4.59	2.60	---	---	17
18	---	---	1.988	46.3	17.4	14.0	4.95	4.06	4.66	2.67	---	---	18
19	---	---	1.968	40.4	17.1	13.2	4.68	3.96	4.36	2.92	---	---	19
20	---	---	1.948	40.0	16.8	12.5	4.82	3.93	4.12	2.938	---	---	20
21	---	---	1.928	38.3	16.3	11.7	4.59	4.06	4.04	3.188	---	---	21
22	---	---	1.918	36.6	16.3	10.9	4.47	4.21	3.93	2.568	---	---	22
23	---	---	1.908	35.3	16.3	10.3	4.38	4.38	3.86	2.288	---	---	23
24	---	---	1.888	34.3	16.2	9.64	4.16	4.67	3.70	2.548	---	---	24
25	---	---	1.868	33.8	16.1	9.22	3.90	4.95	3.83	2.998	---	---	25
26	---	---	1.878	33.0	15.9	8.84	3.72	4.89	3.42	2.178	---	---	26
27	---	---	1.858	32.2	16.0	8.13	3.52	4.87	3.37	2.658	---	---	27
28	---	---	1.848	31.8	15.8	7.89	3.26	5.08	3.29	2.778	---	---	28
29	---		1.828	31.7	15.7	7.58	3.12	5.08	3.22	2.628	---	---	29
30	---		1.818	31.2	15.9	7.47	2.84	4.90	3.12	2.518	---	---	30
31	---		1.878		15.8		2.76	4.72		2.648		---	31
TOTAL	---	---	61.95	667.50	640.2	448.18	167.12	113.68	119.84	87.18	---	---	TOTAL
MEAN	---	---	2.00	22.8	20.7	14.9	5.38	3.67	3.99	2.81	---	---	MEAN
MAX	---	---	2.15	46.3	30.4	20.9	7.52	5.08	4.78	3.15	---	---	MAX
MIN	---	---	1.81	1.87	15.8	7.47	2.76	3.27	3.12	2.17	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.49
MAXIMUM DAILY, 46.3 ON APR 16
MINIMUM DAILY, 1.818 ON MAR 30
MAXIMUM INSTANTANEOUS,
50.7 AT 00:52 MST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 18 N
LONG 111 11 06 W
DRAINAGE AREA, 4 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 650
FEB	---	AUG	9 840
MAR	5 350	SEP	10 300
APR	59 400	OCT	7 530
MAY	55 300	NOV	---
JUN	38 700	DEC	---

TOTAL DISCHARGE, 201 000 dam³

SAULTEAUX RIVER NEAR SPURFIELD - STATION NO. 07BX005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2628	0.3458	8.34	4.73	0.954	2.40	2.47	0.936	0.884	---	1
2	---	---	0.2688	0.4238	8.84	5.82	0.881	2.20	2.27	0.933	0.7598	---	2
3	---	---	0.2638	0.5468	9.13	8.06	0.833	2.89	2.14	0.913	---	---	3
4	---	---	0.2708	1.00 B	9.83	7.05	0.770	8.52	1.98	0.882	---	---	4
5	---	---	0.2748	1.80 B	11.7	10.1	0.730	7.85	1.88	0.862	---	---	5
6	---	---	0.2738	1.55 B	11.4	9.18	1.20	7.33	2.57	0.877	---	---	6
7	---	---	0.2778	2.35 B	10.3	7.97	2.45	8.44	3.21	0.927	---	---	7
8	---	---	0.2748	3.36 B	9.16	7.23	2.10	8.86	2.82	1.04	---	---	8
9	---	---	0.2818	4.87 B	8.38	8.72	1.80	4.89	2.44	1.24	---	---	9
10	---	---	0.2638	8.85 B	7.48	8.09	1.85	4.84	2.13	1.25	---	---	10
11	---	---	0.2888	8.00 B	7.18	5.28	1.88	4.18	1.87	1.20	---	---	11
12	---	---	0.2868	10.8 B	7.03	4.74	2.05	5.38	1.67	1.17	---	---	12
13	---	---	0.3068	14.1 B	8.23	4.40	2.30	12.8	1.80	1.12	---	---	13
14	---	---	0.3268	15.0 B	8.61	3.89	3.05	13.3	1.49	1.08	---	---	14
15	---	---	0.3348	16.9 B	8.36	3.53	1.78	11.0	1.41	1.03	---	---	15
16	---	---	0.3358	17.3 B	4.93	3.14	1.60	9.13	1.34	1.01	---	---	16
17	---	---	0.3338	16.4 B	4.80	2.83	1.53	7.71	1.28	0.980	---	---	17
18	---	---	0.3308	16.1 B	4.40	2.84	1.35	6.83	1.38	0.976	---	---	18
19	---	---	0.3398	16.1 B	4.33	2.26	1.18	5.86	1.44	0.8408	---	---	19
20	---	---	0.3348	13.7 B	4.21	2.11	1.10	5.30	1.45	0.8188	---	---	20
21	---	---	0.3238	11.6	4.48	1.83	1.35	5.03	1.38	0.8488	---	---	21
22	---	---	0.3178	9.35	5.43	1.76	1.71	4.87	1.28	0.958	---	---	22
23	---	---	0.3068	8.76	5.63	1.86	1.80	4.81	1.18	0.910	---	---	23
24	---	---	0.2888	8.06	5.28	1.47	1.87	4.72	1.11	0.8408	---	---	24
25	---	0.2728	0.3008	7.80	4.96	1.33	1.73	4.84	1.06	0.882	---	---	25
26	---	0.2708	0.3038	7.69	4.78	1.23	1.76	4.16	0.984	0.881	---	---	26
27	---	0.2698	0.2938	7.19	4.80	1.16	1.71	3.87	1.01	0.878	---	---	27
28	---	0.2818	0.2868	7.14	4.37	1.10	1.88	3.80	0.987	0.874	---	---	28
29	---		0.2908	6.87	4.41	1.01	2.04	3.19	0.984	0.867	---	---	29
30	---		0.2988	7.35	4.12	0.988	2.70	2.69	0.940	0.855	---	---	30
31	---		0.3268		4.22		2.52	2.64		0.888		---	31
TOTAL	---	---	9.295	247.444	200.84	118.138	60.478	176.81	49.785	29.888	---	---	TOTAL
MEAN	---	---	0.300	8.25	6.48	3.87	1.83	5.88	1.88	0.963	---	---	MEAN
MAX	---	---	0.338	17.3	11.7	10.1	2.70	13.3	3.21	1.25	---	---	MAX
MIN	---	---	0.262	0.345	4.12	0.988	0.730	2.36	0.940	0.815	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.60
MAXIMUM DAILY, 17.38 ON APR 16
MINIMUM DAILY, 0.2628 ON MAR 1
MAXIMUM INSTANTANEOUS,
17.78 AT 21:30 MST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 09 20 N
LONG 114 14 10 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 380
FEB	---	AUG	15 200
MAR	803	SEP	4 300
APR	21 400	OCT	3 580
MAY	17 400	NOV	---
JUN	10 300	DEC	---

TOTAL DISCHARGE, 76 300 dam³

SAWRIDGE CREEK NEAR SLAVE LAKE - STATION NO. 07BK009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1068	1.808	4.00	1.42	0.380	1.83	0.830	0.480	0.418	---	1
2	---	---	0.0768	1.788	4.15	4.84	0.333	1.61	1.23	0.471	0.404A	---	2
3	---	---	0.0778	1.878	5.78	5.63	0.301	1.68	2.42	0.872	---	---	3
4	---	---	0.0728	1.558	4.24	3.74	0.297	1.18	2.22	0.858	---	---	4
5	---	---	0.0778	1.678	3.85	2.48	0.260	0.847	1.77	0.818	---	---	5
6	---	---	0.0768	2.888	2.86	2.79	0.284	0.847	1.48	0.812	---	---	6
7	---	---	0.0788	2.978	2.54	2.80	0.279	0.821	1.19	0.816	---	---	7
8	---	---	0.0838	3.378	2.39	2.07	0.334	0.435	0.921	0.838	---	---	8
9	---	---	0.0818	3.248	2.52	1.71	0.348	0.672	0.732	0.808	---	---	9
10	---	---	0.0808	3.048	2.51	1.49	0.308	3.18	0.810	0.478	---	---	10
11	---	---	0.0768	2.818	2.23	1.31	0.280	7.24	0.505	0.487	---	---	11
12	---	---	0.0778	2.848	2.05	1.12	0.286	4.82	0.493	0.481	---	---	12
13	---	---	0.0838	2.788	1.85	0.978	0.299	3.67	0.818	0.487	---	---	13
14	---	---	0.0838	3.338	1.84	0.840	0.268	3.06	0.817	0.488	---	---	14
15	---	---	0.0838	5.158	1.80	0.749	0.273	2.66	0.811	0.477	---	---	15
16	---	---	0.0888	5.388	1.46	0.657	0.294	2.34	0.856	0.488	---	---	16
17	---	---	0.0888	4.258	1.37	0.807	0.384	2.12	0.548	0.428	---	---	17
18	---	---	0.0848	3.038	1.40	0.538	0.388	1.83	0.502	0.412	---	---	18
19	---	---	0.0848	2.61	3.15	0.801	0.387	1.66	0.470	0.382	---	---	19
20	---	---	0.0898	2.09	3.29	0.660	0.370A	1.38	0.484	0.390	---	---	20
21	---	---	0.1018	2.31	2.78	0.490	0.386	1.38	0.470	0.415	---	---	21
22	---	---	0.1048	2.22	2.34	0.518	0.383	1.17	0.453	0.418	---	---	22
23	---	0.1848	0.1148	2.04	2.11	0.484	0.423	1.28	0.458	0.413	---	---	23
24	---	0.1678	0.1218	2.22	2.02	0.501	0.401	1.03	0.525	0.412	---	---	24
25	---	0.1498	0.1548	2.30	1.78	0.498	0.377	1.02	0.550	0.384	---	---	25
26	---	0.1448	0.1488	2.24	1.55	0.611	0.423	0.848	0.518	0.400	---	---	26
27	---	0.1338	0.1328	2.22	1.31	0.382	0.423	0.788	0.492	0.405	---	---	27
28	---	0.1418	0.0868	2.95	1.13	0.391	0.422	0.775	0.458	0.412	---	---	28
29	---		0.0988	3.70	1.58	0.347	0.582	0.744	0.383	0.424	---	---	29
30	---		0.7848	4.08	1.68	0.380	0.480	0.979	0.402	0.427	---	---	30
31	---		1.558		1.54		0.770	0.954		0.424		---	31
TOTAL	---	---	5.061	84.08	74.31	40.977	11.420	54.431	24.204	14.177	---	---	TOTAL
MEAN	---	---	0.163	2.80	2.40	1.37	0.388	1.76	0.807	0.457	---	---	MEAN
MAX	---	---	1.55	5.38	5.78	5.63	0.770	7.24	2.42	0.872	---	---	MAX
MIN	---	---	0.072	1.55	1.13	0.347	0.273	0.435	0.383	0.380	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.26
MAXIMUM DAILY, 7.24 ON AUG 11
MINIMUM DAILY, 0.0728 ON MAR 4
MAXIMUM INSTANTANEOUS,
8.49 AT 18:00 MST ON JUN 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 00 N
LONG 114 46 30 W
DRAINAGE AREA, 233 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	987
FEB	---	AUG	4 700
MAR	437	SEP	2 080
APR	7 280	OCT	1 220
MAY	8 420	NOV	---
JUN	3 560	DEC	---

TOTAL DISCHARGE, 28 700 dam³

SEVEN PERSONS CREEK AT MEDICINE HAT - STATION NO. 05AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.848	3.28	2.47	1.68	1.37	1.31	0.110	---	1
2	---	---	---	---	0.415	2.24	2.22	1.76	1.28	1.38	0.103A	---	2
3	---	---	---	---	0.261	2.11	2.02	1.80	1.17	1.41	---	---	3
4	---	---	---	---	0.285	1.88	1.85	1.73	1.06	1.33	---	---	4
5	---	---	---	---	0.268	1.88	2.08	1.83	1.21	1.47	---	---	5
6	---	---	---	---	0.238	1.89	2.53	1.86	1.33	1.37	---	---	6
7	---	---	---	---	0.602	1.76	2.28	1.43	1.33	1.48	---	---	7
8	---	---	---	---	0.507	1.98	1.90	1.39	1.32	1.58	---	---	8
9	---	---	---	---	0.856	2.14	1.88	1.86	1.37	1.48	---	---	9
10	---	---	---	---	0.672	2.00	1.86	1.77	1.35	1.26	---	---	10
11	---	---	---	---	0.834	2.07	2.08	1.80	1.44	0.918	---	---	11
12	---	---	---	---	1.08	2.08	1.84	1.78	1.47	0.688	---	---	12
13	---	---	---	---	1.38	1.83	1.82	1.76	1.43	0.405	---	---	13
14	---	---	---	---	1.43	1.77	1.85	2.82	1.42	0.347	---	---	14
15	---	---	---	---	1.63	1.97	1.81	2.86	1.37	0.282	---	---	15
16	---	---	---	---	1.75	1.85	1.84	2.85	1.24	0.206	---	---	16
17	---	---	---	---	1.81	1.81	1.74	2.83	1.28	0.230	---	---	17
18	---	---	---	---	2.08	1.82	2.10	2.15	1.10	0.171	---	---	18
19	---	---	---	---	1.90	2.34	2.82	1.77	1.11	0.153	---	---	19
20	---	---	---	---	2.10	2.53	3.08	1.86	1.24	0.139	---	---	20
21	---	---	---	---	2.34	2.86	2.83	1.44	1.24	0.140	---	---	21
22	---	---	---	---	2.18	2.57	2.28	1.42	1.13	0.122	---	---	22
23	---	---	---	---	1.89	2.35	1.86	1.28	1.14	0.107	---	---	23
24	---	---	---	---	1.83	2.00	1.88	1.98	1.17	0.101	---	---	24
25	---	---	---	---	2.10	1.80	1.72	1.86	1.16	0.083	---	---	25
26	---	---	---	---	2.64	1.86	1.84	1.57	1.22	0.102	---	---	26
27	---	---	---	---	2.38	1.88	1.88	1.40	1.33	0.108	---	---	27
28	---	---	---	---	2.38	2.22	1.74	1.35	1.37	0.108	---	---	28
29	---		---	0.804A	2.08	2.53	1.78	1.45	1.80	0.088	---	---	29
30	---		---	0.845	2.08	2.62	1.77	1.39	1.90	0.083	---	---	30
31	---		---		2.24		1.88	1.33		0.103		---	31
TOTAL	---	---	---	---	44.927	62.38	62.72	54.18	38.74	18.822	---	---	TOTAL
MEAN	---	---	---	---	1.45	2.08	2.02	1.75	1.29	0.601	---	---	MEAN
MAX	---	---	---	---	2.64	2.86	3.08	2.86	1.90	1.55	---	---	MAX
MIN	---	---	---	---	0.238	1.86	1.84	1.28	1.08	0.083	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 3.08 ON JUL 30
MINIMUM DAILY, 0.083 ON OCT 30

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 25 N
LONG 110 41 03 W
DRAINAGE AREA, 3 270 km²
A - MANUAL GAUGE

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 420
FEB	---	AUG	4 680
MAR	---	SEP	3 390
APR	---	OCT	1 810
MAY	3 880	NOV	---
JUN	5 390	DEC	---

TOTAL DISCHARGE, 24 300 dam³

SHEEP COULEE NEAR CARSTAIRS - STATION NO. 05CE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.188	0.018	0	0	0	0	0	0	---	1
2	---	---	0 B	0.088	0.020	0	0	0	0	0	0	---	2
3	---	---	0 B	0.042	0.022	0	0	0	0	0	0A	---	3
4	---	---	0 B	0.0338	0.023	0	0	0	0	0	---	---	4
5	---	---	0 B	0.028E	0.021	0	0	0	0	0	---	---	5
6	---	---	0 B	0.024A	0.018	0	0	0	0	0	---	---	6
7	---	---	0 B	0.021	0.017	0	0	0	0	0	---	---	7
8	---	---	0 B	0.017	0.018	0	0	0	0	0	---	---	8
9	---	---	0 B	0.013	0.014	0	0	0	0	0	---	---	9
10	---	---	0 B	0.007	0.014	0	0	0	0	0	---	---	10
11	---	---	0 B	0.006	0.013	0	0	0	0	0	---	---	11
12	---	---	0 B	0.005	0.012	0	0	0	0	0	---	---	12
13	---	---	0 B	0.003	0.013	0	0	0	0	0	---	---	13
14	---	---	0 B	0.003	0.012	0	0	0	0	0	---	---	14
15	---	---	0 B	0.002	0.010	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0.013	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0.018	0	0	0	0	0	---	---	17
18	---	---	0 B	0.001	0.014	0	0	0	0	0	---	---	18
19	---	---	0 B	0.002	0.012	0	0	0	0	0	---	---	19
20	---	---	0 B	0.003	0.009	0	0	0	0	0	---	---	20
21	---	---	0 B	0.006	0.006	0	0	0	0	0	---	---	21
22	---	---	0 B	0.013	0.007	0	0	0	0	0	---	---	22
23	---	---	0 B	0.014	0.006	0	0	0	0	0	---	---	23
24	---	---	0 B	0.015	0.005	0	0	0	0	0	---	---	24
25	---	0B	0 B	0.014	0.004	0	0	0	0	0	---	---	25
26	---	0B	0 B	0.012	0.003	0	0	0	0	0	---	---	26
27	---	0B	0 B	0.010	0.002	0	0	0	0	0	---	---	27
28	---	0B	0 B	0.010	0.002	0	0	0	0	0	---	---	28
29	---		0.0018	0.010	0.001	0	0	0	0	0	---	---	29
30	---		0.0838	0.013	0.001	0	0	0	0	0	---	---	30
31	---		0.273A		0		0	0		0		---	31
TOTAL	---	---	0.337	0.559	0.344	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.011	0.019	0.011	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.273	0.188	0.022	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.273A ON MAR 31
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 44 N
LONG 114 02 05 W
DRAINAGE AREA, 38.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	28.1	SEP	0
APR	44.3	OCT	0
MAY	28.7	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 107 dam³

SHEEP RIVER AT BLACK DIAMOND - STATION NO. 05BL014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98 B	0.9208	0.7208	5.828	10.4	4.69	3.24	6.70	4.01	2.15	1.78	0.8788	1
2	1.88 B	0.9008	0.7418	3.738	9.27	4.24	3.38	6.25	3.94	2.13	1.76	0.8978	2
3	1.70 B	0.8808	0.8988	3.808	7.07	4.01	3.85	6.06	4.17	2.08	1.74	0.7108	3
4	1.88 B	0.8608	0.7088	3.538	6.07	4.14	4.36	5.67	3.88	2.07	1.82	0.7408	4
5	1.86 B	0.8408	1.84 B	3.408	5.80	4.78	4.77	5.28	3.88	2.04	1.78	0.7888	5
6	1.58 B	0.8608	2.81 B	3.448	6.15	5.53	6.19	5.13	3.93	2.06	1.86	0.7908	6
7	1.40 B	0.8808	2.19 B	2.898	5.87	5.82	5.23	4.80	3.78	2.05	1.58 B	0.8008	7
8	1.30 B	0.9208	1.07 B	2.688	6.08	5.32	4.84	4.58	3.53	2.06	1.50 B	0.8108	8
9	1.40 B	0.8408	1.00 B	2.838	5.84	5.27	4.36	4.63	3.38	1.88	1.55 B	0.8208	9
10	1.50 B	0.8808	0.8748	2.808	5.08	5.62	5.78	5.81	3.27	1.80	1.58 B	0.8188	10
11	1.80 B	0.8008	1.00 B	2.18	6.33	5.08	5.85	5.87	3.17	2.09	1.63 B	0.8118	11
12	1.50 B	0.7388	1.02 B	1.88	6.85	4.80	6.52	6.87	3.04	1.89	1.61 B	0.7888	12
13	1.36 B	0.7828	1.20 B	2.01	6.01	5.09	6.18	6.73	3.04	1.81	1.32 B	0.7708	13
14	1.28 B	0.8188	1.08 B	2.27	7.44	5.07	5.80	11.8	2.97	1.80	1.48 B	0.7838	14
15	1.00 B	0.7808	1.10 B	2.28	7.28	4.84	5.03	13.8	2.88	2.03	1.42 B	0.7188	15
16	0.8148	0.8328	1.17 B	2.48	7.88	10.1	4.78	12.8	2.80	1.88	1.40 B	0.8868	16
17	0.8808	0.8488	1.30 B	2.83	6.81	6.78	4.87	11.3	2.78	2.08	1.28 B	0.8988	17
18	0.8838	0.8208	1.33 B	2.81	6.42	6.81	5.48	9.78	2.88	1.78	1.17 B	0.8988	18
19	0.8808	0.8608	1.22 B	2.18	6.48	6.78	22.7	8.72	2.80	1.88	1.08 B	0.8888	19
20	1.00 B	0.7748	1.14 B	2.38	6.80	8.83	21.0	7.84	2.48	1.88	0.8988	0.7008	20
21	1.03 B	0.8328	1.02 B	2.78	6.34	6.88	18.4	7.11	2.42	1.98	0.8088	0.7088	21
22	0.8488	0.8708	1.18 B	3.44	6.87	8.12	18.4	8.48	2.34	1.80	0.8108	0.7238	22
23	0.8188	0.8278	1.70 B	3.81	6.84	6.82	18.4	8.00	2.28	1.88	0.7908	0.7388	23
24	0.8508	0.8208	1.88 B	3.54	6.32	6.13	18.1	8.88	2.24	1.88	0.7038	0.7488	24
25	0.8508	0.7808	1.28 B	2.88	6.38	3.78	14.2	8.82	2.22	1.88	0.8708	0.7888	25
26	1.00 B	0.8848	0.8138	2.84	6.38	3.83	12.8	8.18	2.88	1.83	0.8488	0.7888	26
27	1.07 B	0.8588	1.01 B	2.88	6.81	3.83	10.8	6.87	2.83	1.81	0.8308	0.7488	27
28	1.07 B	0.7888	1.00 B	4.83	6.71	3.81	9.28	6.71	2.34	1.84	0.8388	0.7428	28
29	1.03 B		1.20 B	8.81	8.17	3.47	8.38	6.83	2.28	1.83	0.8488	0.7308	29
30	1.00 B		1.48 B	8.24	8.08	3.38	7.78	6.41	2.21	1.84	0.8558	0.7178	30
31	0.8608		3.87 B		6.87		7.40	6.18		1.78		0.7038	31
TOTAL	37.858	23.230	40.185	98.83	206.83	162.21	283.70	217.08	88.43	58.78	37.088	33.030	TOTAL
MEAN	1.22	0.830	1.30	3.23	6.80	5.07	9.15	7.00	2.86	1.83	1.24	0.743	MEAN
MAX	1.98	0.948	3.87	8.24	10.4	10.1	22.7	13.8	4.17	2.15	1.82	0.820	MAX
MIN	0.814	0.584	0.674	1.88	4.32	3.38	3.24	4.18	2.21	1.88	0.830	0.678	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.47
MAXIMUM DAILY, 22.7 ON JUL 19
MINIMUM DAILY, 0.8848 ON FEB 26
MAXIMUM INSTANTANEOUS,
24.2 AT 10:37 MST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 14 N
LONG 114 14 34 W
DRAINAGE AREA, 595 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 280	JUL	24 500
FEB	2 010	AUG	18 800
MAR	3 470	SEP	7 720
APR	8 270	OCT	5 180
MAY	17 700	NOV	3 210
JUN	13 200	DEC	1 890

TOTAL DISCHARGE, 108 000 dam³

SIPPLEUR RIVER NEAR THE MOUTH - STATION NO. 05DA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	11.3	33.1	20.8	10.9	5.28	---	---	1
2	---	---	---	---	13.7	9.79	25.1	16.8	13.0	5.18	---	---	2
3	---	---	---	---	8.46	9.21	28.4	16.9	10.9	5.18	---	---	3
4	---	---	---	---	8.62	12.8	30.3	17.2	8.88	5.46	---	---	4
5	---	---	---	---	9.33	26.3	34.4	17.1	8.42	5.00	---	---	5
6	---	---	---	---	7.79	34.8	29.1	15.0	8.82	4.82	---	---	6
7	---	---	---	---	11.3	36.8	24.4	15.0	8.88	4.82	---	---	7
8	---	---	---	---	17.6	39.3	22.2	15.7	8.43	4.46	---	---	8
9	---	---	---	---	31.3	33.4	19.9	15.0	8.61	4.18	---	---	9
10	---	---	---	---	17.5	32.5	18.6	20.0	8.78	4.12	---	---	10
11	---	---	---	---	12.1	22.5	18.7	16.3	8.71	4.23	---	---	11
12	---	---	---	---	21.3	28.0	14.8	13.2	8.78	4.11	---	---	12
13	---	---	---	---	16.5	31.8	16.0	13.0	8.85	3.86	---	---	13
14	---	---	---	---	11.7	31.8	18.4	13.2	9.00	3.93	---	---	14
15	---	---	---	---	10.4	33.5	20.5	12.8	9.47	3.88	---	---	15
16	---	---	---	---	10.2	36.8	18.7	12.1	7.93	3.80	---	---	16
17	---	---	---	---	10.4	31.8	13.4	11.7	7.30	3.88	---	---	17
18	---	---	---	---	11.8	28.2	12.2	11.0	8.71	3.42	---	---	18
19	---	---	---	---	10.4	26.0	12.6	10.4	8.44	3.44	---	---	19
20	---	---	---	---	8.70	25.6	12.6	11.2	8.14	3.38	---	---	20
21	---	---	---	---	8.16	31.7	13.2	10.4	8.06	3.46	---	---	21
22	---	---	---	---	7.46	28.3	14.4	9.74	8.34	3.23	---	---	22
23	---	---	---	---	7.13	19.0	14.5	9.71	8.40	3.16	---	---	23
24	---	---	---	---	7.21	14.5	15.8	10.6	8.29	3.44	---	---	24
25	---	---	---	---	8.33	13.5	17.4	10.1	8.18	3.34	---	---	25
26	---	---	---	---	10.5	16.2	18.1	9.78	7.51	3.18	---	---	26
27	---	---	---	---	13.6	20.4	19.4	9.65	8.82	3.15	---	---	27
28	---	---	---	---	16.4	21.2	20.7	9.51	9.85	3.17	---	---	28
29	---		---	---	15.0	20.6	21.2	10.5	9.89	3.01A	---	---	29
30	---		---	---	15.3	21.3	21.4	9.57	8.41	2.85E	---	---	30
31	---		---	8.80A	14.2		22.8	9.87		2.80E		---	31
TOTAL	---	---	---	---	375.89	721.50	606.1	404.04	238.18	121.02	---	---	TOTAL
MEAN	---	---	---	---	12.1	24.1	19.6	13.0	7.97	3.90	---	---	MEAN
MAX	---	---	---	---	21.3	36.8	34.4	20.8	13.0	5.48	---	---	MAX
MIN	---	---	---	---	8.33	9.21	12.2	9.57	5.41	2.80	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 36.8 ON JUN 16
MINIMUM DAILY, 2.80E ON OCT 31
MAXIMUM INSTANTANEOUS,
41.9 AT 20:55 MST ON JUN 16

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 39 N
LONG 116 23 02 W
DRAINAGE AREA, 515 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	52 500
FEB	---	AUG	34 900
MAR	---	SEP	20 700
APR	---	OCT	10 500
MAY	32 500	NOV	---
JUN	82 300	DEC	---

TOTAL DISCHARGE, 213 000 dam³

SILVERHORN CREEK NEAR THE MOUTH - STATION NO 05DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0548	0.0618	0.0408	0.0678	1.18	0.436	1.40	0.842	0.487	0.253	0.1218	0.1078	1
2	0.0688	0.0578	0.0428	0.0768	0.806	0.383	1.45	0.886	0.507	0.245	0.1108	0.1128	2
3	0.0628	0.0438	0.0478	0.0838	0.401	0.381	1.37	0.755	0.472	0.237	0.1028	0.1148	3
4	0.0628	0.0508	0.0568	0.0858	0.385	0.571	1.58	0.804	0.448	0.236	0.0948	0.1258	4
5	0.0738	0.0588	0.0808	0.0908	0.380	1.74	1.63	0.778	0.436	0.226	0.0868	0.1288	5
6	0.0888	0.0738	0.0548	0.0838	0.523	2.01	1.43	0.887	0.420	0.221	0.1018	0.1258	6
7	0.0428	0.0718	0.0508	0.0778	0.787	1.85	1.18	0.695	0.415	0.218	0.0928	0.1168	7
8	0.0388	0.0708	0.0468	0.0728	1.03	1.88	0.958	0.874	0.404	0.207	0.0868	0.1138	8
9	0.0388	0.0688	0.0438	0.0748	0.848	2.13	0.885	0.744	0.390	0.195	0.0958	0.1068	9
10	0.0578	0.0718	0.0388	0.0788	0.718	1.82	0.804	0.787	0.388	0.185	0.1238	0.1208	10
11	0.0808	0.0858	0.0548	0.0728	0.880	1.18	0.883	0.883	0.388	0.188	0.1118	0.1088	11
12	0.0888	0.0898	0.0808	0.0868	1.22	1.58	0.858	0.858	0.372	0.180	0.1038	0.0978	12
13	0.0428	0.0578	0.0588	0.0748	0.702	2.08	0.778	0.858	0.387	0.174	0.0938	0.0848	13
14	0.0348	0.0588	0.0548	0.0638	0.842	2.18	0.868	0.578	0.385	0.188	0.0878	0.0888	14
15	0.0308	0.0588	0.0548	0.0838	0.484	1.88	0.814	0.882	0.378	0.184	0.0828	0.0848	15
16	0.0338	0.0588	0.0618	0.0788	0.652	2.07	0.708	0.527	0.383	0.185	0.0778	0.0848	16
17	0.0428	0.0578	0.0588	0.0788	0.488	1.83	0.678	0.496	0.380	0.1468	0.0888	0.0888	17
18	0.0508	0.0588	0.0588	0.0888	0.526	1.38	0.823	0.472	0.381	0.1368	0.0718	0.0888	18
19	0.0508	0.0508	0.0548	0.0818	0.487	1.30	0.803	0.447	0.338	0.1238	0.0788	0.0528	19
20	0.0578	0.0548	0.0538	0.0728	0.420	1.53	0.831	0.454	0.322	0.0828	0.1388	0.0988	20
21	0.0548	0.0508	0.0548	0.0788	0.408	1.85	0.882	0.448	0.308	0.078	0.1258	0.0818	21
22	0.0548	0.0408	0.0548	0.0768	0.388	1.38	0.810	0.428	0.288	0.0878	0.1188	0.0838	22
23	0.0588	0.0588	0.0838	0.0788	0.378	0.878	0.888	0.418	0.278	0.0458	0.1148	0.0788	23
24	0.0588	0.0588	0.0838	0.0768	0.372	0.885	0.718	0.388	0.273	0.038	0.1238	0.0788	24
25	0.0808	0.0358	0.0808	0.0778	0.372	0.888	0.824	0.398	0.288	0.093	0.1188	0.0788	25
26	0.0838	0.0428	0.0508	0.0808	0.444	1.03	0.908	0.388	0.282	0.0888	0.1148	0.0788	26
27	0.0688	0.0438	0.0458	0.0888	0.814	1.32	0.883	0.384	0.271	0.0968	0.1118	0.0738	27
28	0.0698	0.0428	0.0348	0.0948	0.821	1.30	0.838	0.380	0.284	0.1058	0.1078	0.0788	28
29	0.0718		0.0238	0.203	0.732	1.18	0.888	0.408	0.281	0.1628	0.1048	0.0718	29
30	0.0708		0.0408	0.301	0.890	1.31	0.848	0.388	0.284	0.1508	0.1008	0.0678	30
31	0.0678		0.0448		0.818		0.884	0.428		0.1388		0.0458	31
TOTAL	1.739	1.805	1.808	2.857	18.451	41.827	28.881	17.363	10.885	4.830	3.044	2.881	TOTAL
MEAN	0.056	0.057	0.052	0.068	0.595	1.39	0.932	0.560	0.356	0.156	0.101	0.093	MEAN
MAX	0.082	0.073	0.084	0.301	1.32	2.18	1.63	0.842	0.507	0.253	0.136	0.125	MAX
MIN	0.030	0.035	0.033	0.057	0.385	0.381	0.803	0.388	0.281	0.038	0.088	0.045	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.371
MAXIMUM DAILY, 2.18 ON JUN 14
MINIMUM DAILY, 0.0308 ON JAN 15
MAXIMUM INSTANTANEOUS,
2.89 AT 19:00 MST ON JUN 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 00 N
LONG 116 34 59 W
DRAINAGE AREA, 30.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	148	JUL	2 500
FEB	139	AUG	1 600
MAR	138	SEP	823
APR	230	OCT	417
MAY	1 590	NOV	263
JUN	3 600	DEC	248

TOTAL DISCHARGE, 11 700 dam³

SIMONETTE RIVER NEAR GODWIN - STATION NO. 07EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.88B	3.70B	3.07B	3.88B	38.2	28.4	5.01	40.5	21.8A	10.3	---	---	1
2	4.87B	3.88B	3.02B	4.68B	40.8	24.2	5.86	2 900 A	30.0E	8.81	---	---	2
3	4.66B	3.80B	2.94B	7.02B	42.0	20.8	5.75	3 170 A	24.2A	8.37	---	---	3
4	4.31B	3.80B	2.78B	9.40B	37.3	17.9	5.86	810 A	44.1	8.36	---	---	4
5	4.18B	3.32B	2.81B	11.0 B	31.5	16.1	5.48	388 A	40.7	8.15	---	---	5
6	4.08B	3.32B	2.64B	15.6 B	28.8	15.4	5.18	310 A	33.7	8.71	---	---	6
7	4.03B	3.34B	2.63B	17.3 B	28.6	14.3	5.12	250 E	28.8	10.4	---	---	7
8	4.27B	3.41B	2.49B	22.4 B	27.3	15.0	4.84	220 E	28.5	9.69	---	---	8
9	4.33B	3.64B	2.68B	26.4 B	25.0	14.7	5.06	185 E	24.7	8.36	---	---	9
10	4.43B	3.47B	2.59B	33.6 B	23.0	12.7	5.31	200 E	22.7	8.17	---	---	10
11	4.47B	3.30B	2.64B	41.9 B	21.4	11.4	5.88	280 E	22.0	8.00	---	---	11
12	4.28B	3.28B	2.64B	54.1 B	20.5	10.7	5.88	228 A	20.8	8.64	---	---	12
13	4.08B	3.28B	2.60B	48.5 B	19.2	10.0	5.28	208 E	18.6	8.33	---	---	13
14	3.88B	3.38B	2.69B	55.5 B	18.6	9.15	7.75	183 A	17.5	8.36	---	---	14
15	3.63B	3.38B	2.61B	57.3	18.3	8.82	8.82	140 E	18.1	8.39	---	---	15
16	3.67B	3.80B	2.67B	53.7	18.8	8.36	8.46	87.1A	18.7	8.18	---	---	16
17	3.83B	3.62B	2.78B	46.6	18.2	7.84	8.48	86.3E	17.4	7.97	---	---	17
18	4.01B	3.43B	2.85B	39.6	18.3	7.30	8.74	78.4A	16.8	7.70	---	---	18
19	3.88B	3.46B	2.87B	35.0	17.1	7.07	8.20	83.9E	15.5	7.86	---	---	19
20	4.14B	3.80B	2.87B	31.4	24.7	6.48	15.5	52.4A	14.8	7.87	---	---	20
21	4.06B	3.88B	3.06B	27.1	38.3	7.62	13.8	80.0E	14.2	7.83	---	---	21
22	3.81B	3.71B	3.26B	24.8	38.6	8.21	11.5	133 A	13.8	7.83	---	---	22
23	3.88B	3.63B	3.25B	23.5	41.3	11.8	9.96	111 E	13.1	7.85	---	---	23
24	3.94B	3.42B	3.60B	21.7	41.4	14.3	10.8	88.8A	12.8	7.71	---	---	24
25	4.06B	3.46B	3.56B	20.8	41.8	11.8	9.80	70.8E	12.0	7.85	---	---	25
26	4.11B	3.27B	3.68B	21.2	38.8	8.71	8.96	52.8A	11.8	7.12	---	---	26
27	4.13B	3.16B	3.75B	21.6	35.6	8.37	7.75	48.8A	11.3	7.13	---	---	27
28	4.19B	3.12B	3.68B	21.8	30.4	7.13	8.43	40.1A	11.0	7.23A	---	---	28
29	4.00B		3.78B	24.4	27.0	6.34	8.60	36.0E	11.2	7.26E	---	---	29
30	3.92B		4.19B	32.7	25.4	5.83	8.58	33.8E	10.9	7.50E	---	---	30
31	3.77B		4.02B		32.8		8.88	32.5E		8.00E		---	31
TOTAL	126.44	98.09	94.27	855.88	903.8	359.01	250.26	10 879.2	618.0	260.84	---	---	TOTAL
MEAN	4.14	3.43	3.04	28.5	29.2	12.0	8.07	344	20.8	8.41	---	---	MEAN
MAX	4.88	3.71	4.19	57.3	42.0	28.4	15.5	3 170	44.1	10.4	---	---	MAX
MIN	3.77	3.12	2.46	3.88	16.2	6.83	4.88	32.5	10.9	7.12	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.2
MAXIMUM DAILY, 3 170A ON AUG 3
MINIMUM DAILY, 2.46B ON MAR 8
MAXIMUM INSTANTANEOUS,
6 500 AT 19:00 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 30 N
LONG 118 10 30 W
DRAINAGE AREA, 5 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 100	JUL	21 800
FEB	8 300	AUG	823 000
MAR	8 140	SEP	53 400
APR	73 900	OCT	22 500
MAY	78 100	NOV	---
JUN	31 000	DEC	---

TOTAL DISCHARGE, 1 210 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

SLAVE RIVER AT FITZGERALD - STATION NO 07NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 200B	2 300B	2 640B	2 830B	4 570B	5 040	5 430	3 800	4 080	3 390	2 850E	2 880B	1
2	2 150B	2 320B	2 580B	2 940B	4 700B	5 020	5 340	4 180	4 010	3 380	2 860E	2 880B	2
3	2 100B	2 300B	2 620B	2 950B	4 640B	5 180	5 310	4 010	3 940	3 320	2 860E	2 830B	3
4	2 050B	2 280B	2 600B	2 870B	4 880A	5 260	5 180	3 630	3 870	3 240	2 870E	2 880B	4
5	2 010B	2 280B	2 600B	2 880B	5 030	5 470	5 050	4 010	3 800	3 180	2 870E	2 840B	5
6	1 970B	2 270B	2 580B	3 010B	5 100	5 600	4 980	4 550	3 830	3 110	2 850E	2 820B	6
7	1 930B	2 260B	2 580B	3 040B	5 210	5 670	4 930	6 090	3 660	3 180A	2 830E	2 900B	7
8	1 900B	2 300B	2 640B	3 180B	5 320	5 600	4 880	5 780	3 850	3 180E	2 800E	2 840B	8
9	1 870B	2 320B	2 620B	3 220B	5 470	5 640	4 820	5 850	3 810	3 170E	2 850E	2 880B	9
10	1 840B	2 340B	2 600B	3 280B	5 730	5 710	4 780	5 480	3 980	3 180E	2 900E	2 900B	10
11	1 810B	2 370B	2 480B	3 380B	5 780	5 710	4 730	5 380	3 950	3 140E	2 480E	2 830B	11
12	1 780B	2 400B	2 480B	3 480B	5 800	5 680	4 680	5 110	3 950	3 100E	2 420E	2 860B	12
13	1 750B	2 400B	2 480B	3 580B	5 780	5 720	4 680	5 680	3 900	3 060E	2 380E	2 900B	13
14	1 720B	2 400B	2 480B	3 680B	5 680	5 650	4 620	5 760	3 830	3 000E	2 360E	2 700B	14
15	1 710B	2 410B	2 480B	3 780B	5 640	5 580	4 540	5 640	3 830	3 000E	2 330B	2 710B	15
16	1 700B	2 420B	2 480B	3 880B	5 810	5 740	4 440	5 410	3 800	3 030E	2 300B	2 880B	16
17	1 760B	2 430B	2 500B	3 980B	5 830	5 680	4 540	5 310	3 880	3 060E	2 280B	2 880B	17
18	1 870B	2 450B	2 520B	4 080B	5 820	5 480	4 500	5 230	3 640	3 080E	2 310B	2 820B	18
19	1 980B	2 480B	2 540B	4 180B	5 680	5 670	4 330	5 200	3 620	3 120E	2 380B	2 830B	19
20	2 050B	2 480B	2 580B	4 280B	5 820	5 680	4 180	5 140	3 590	3 100E	2 390B	2 880B	20
21	2 120B	2 480B	2 620B	4 400B	5 870	5 800	4 070	5 070	3 550	3 080E	2 370B	2 880B	21
22	2 180B	2 480B	2 640B	4 480B	5 680	5 670	3 930	4 940	3 590	3 000E	2 380B	2 880B	22
23	2 280B	2 480B	2 740B	4 480B	5 630	5 680	3 830	4 780	3 590	2 950E	2 400B	2 810B	23
24	2 260B	2 480B	2 760B	4 480B	5 280	5 480	4 000	4 810	3 810	2 900E	2 800B	2 880B	24
25	2 240B	2 470B	2 820B	4 480B	5 230	5 440	4 000	4 820	3 810	2 850E	2 800B	2 830B	25
26	2 220B	2 480B	2 870B	4 440B	5 110	5 370	3 980	4 480	3 820	2 800E	2 840B	2 820B	26
27	2 200B	2 500B	2 880B	4 420B	5 120	5 270	3 850	4 480	3 880	2 770E	2 880B	2 840B	27
28	2 210B	2 530B	2 880B	4 400B	5 130	5 270	3 780	4 380	3 440	2 730E	2 850B	2 870B	28
29	2 230B		2 910B	4 440B	5 130	5 330	3 780	4 320	3 420	2 700E	2 880B	2 800B	29
30	2 250B		2 910B	4 500B	5 140	5 420	3 780	4 280	3 430	2 670E	2 710B	2 850B	30
31	2 270B		2 920B		5 120		3 780	4 100		2 850E		2 700B	31
TOTAL	63 890	66 950	81 820	113 180	165 410	165 540	136 670	156 120	113 000	94 010	75 380	81 050	TOTAL
MEAN	2 020	2 390	2 630	3 770	5 340	5 520	4 470	5 040	3 730	3 030	2 510	2 610	MEAN
MAX	2 270	2 530	2 920	4 500	5 800	5 800	5 870	6 430	4 080	3 390	2 710	2 710	MAX
MIN	1 700	2 280	2 480	2 830	4 570	5 020	3 780	3 800	3 430	2 850	2 380	2 800	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 800
MAXIMUM DAILY, 6 780 ON AUG 8
MINIMUM DAILY, 1 700B ON JAN 15
MAXIMUM INSTANTANEOUS,
6 820 AT 12:35 MST ON AUG 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 52 30 N
LONG 111 35 00 W
DRAINAGE AREA, 606 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 410 000	JUL	12 000 000
FEB	5 780 000	AUG	13 800 000
MAR	7 050 000	SEP	8 880 000
APR	8 780 000	OCT	8 120 000
MAY	14 300 000	NOV	6 810 000
JUN	14 300 000	DEC	7 000 000

TOTAL DISCHARGE, 113 000 000 dam³

SMOKY RIVER ABOVE HELLS CREEK - STATION NO. 07GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0B	12.5 B	8.70B	12.0B	101	184	234	308	88.5	54.5	---	---	1
2	18.1B	12.0 B	9.00B	11.7B	138	186	233	389	100	55.1	---	---	2
3	18.3B	11.5 B	10.4 B	12.2B	119	143	228	312	86.1	60.1	---	---	3
4	18.5B	14.0 B	11.0 B	13.6B	104	180	218	274	91.1	62.6	---	---	4
5	18.6B	14.5 B	11.2 B	15.7	95.3	243	200	276	91.5	62.3	---	---	5
6	18.0B	15.0 B	11.3 B	15.5	92.7	341	182	233	92.5	47.0	---	---	6
7	14.6B	15.1 B	11.0 B	15.4	113	323	178	211	82.5	43.2	---	---	7
8	14.3B	15.7 B	10.5 B	16.3	188	297	171	203	75.2	40.5	---	---	8
9	15.0B	14.4 B	9.50B	15.5	207	318	180	188	81.2	37.0	---	---	9
10	17.0B	13.8 B	9.00B	15.6	201	318	142	201	88.0	35.2	---	---	10
11	23.0B	13.2 B	8.50B	15.4	189	293	131	174	81.0	34.5	---	---	11
12	21.5B	13.1 B	10.1 B	15.6	218	303	130	168	84.4	33.2	---	---	12
13	21.0B	12.6 B	11.0 B	15.4	200	427	138	148	88.4	31.6	---	---	13
14	18.4B	12.5 B	11.0 B	15.3	188	342	148	131	77.1	29.9	---	---	14
15	15.0B	12.3 B	11.2 B	17.4	143	284	140	121	75.1	29.1	---	---	15
16	15.2B	12.3 B	11.4 B	17.3	124	283	121	114	87.2	28.7	---	---	16
17	16.8B	12.4 B	11.5 B	16.9	118	244	128	107	80.6	28.0	---	---	17
18	17.6B	11.6 B	11.5 B	15.6	125	229	116	98.8	85.4	28.5	---	---	18
19	13.9B	14.4 B	11.4 B	15.5	113	241	111	96.0	82.0	28.5	---	---	19
20	16.6B	15.3 B	11.3 B	15.5	95.5	286	114	104	49.9	26.2	---	---	20
21	15.0B	13.4 B	11.2 B	15.8	93.2	288	120	111	84.5	25.9	---	---	21
22	16.1B	12.6 B	11.1 B	15.4	88.2	287	127	99.2	83.7	24.1	---	---	22
23	15.5B	12.6 B	10.5 B	15.3	90.6	212	131	94.2	84.1	22.7	---	---	23
24	14.4B	11.2 B	11.2 B	15.4	93.2	173	133	93.0	81.3	24.7	---	---	24
25	16.5B	10.2 B	10.9 B	15.9	111	188	137	90.4	55.9	25.6	---	---	25
26	15.0B	9.46B	10.7 B	15.8	142	173	157	86.4	88.1	27.4	---	---	26
27	14.0B	8.80B	9.87B	15.6	188	199	157	87.8	81.7	25.8	---	---	27
28	13.4B	8.30B	8.62B	23.9	227	219	154	93.3	81.8	25.8A	---	---	28
29	13.0B		11.6 B	39.7	237	219	155	96.3	46.5	25.0E	---	---	29
30	14.0B		14.3 B	86.5	206	226	155	87.5	80.9	24.5E	---	---	30
31	13.4B		13.7 B		202		157	86.0		24.0E	---	---	31
TOTAL	496.9	355.36	335.39	547.2	4 478.0	7 548	4 795	4 886.7	2 182.9	1 057.4	---	---	TOTAL
MEAN	16.0	12.7	10.8	18.2	144	252	155	157	72.1	34.1	---	---	MEAN
MAX	23.0	15.7	14.3	86.5	237	427	234	308	100	62.6	---	---	MAX
MIN	13.0	8.30	8.70	11.7	88.3	143	111	87.5	46.5	22.7	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 427 ON JUN 13

MAXIMUM INSTANTANEOUS,
469 AT 12:13 MST ON JUN 13

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 46 N
LONG 119 09 40 W
DRAINAGE AREA, 3 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	42 900	JUL	414 000
FEB	30 700	AUG	420 000
MAR	29 000	SEP	187 000
APR	47 300	OCT	91 400
MAY	387 000	NOV	---
JUN	852 000	DEC	---

SMOKY RIVER AT WATINO - STATION NO 07GJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.5B	46.8B	42.6B	53.7B	367	733	488	377A	318	142	178	76.7B	1
2	53.0B	47.7B	38.9B	48.8B	520	701	477	2 810A	308	137	204	76.8B	2
3	57.1B	46.8B	37.3B	50.6B	670	643	483	6 220A	312	139	185	76.9B	3
4	55.9B	50.1B	41.5B	75.9B	881	570	458	3 130A	318	140	187	75.1B	4
5	52.0B	49.4B	41.9B	110 B	807	542	447	2 330	332	140	150	72.6B	5
6	48.8B	47.1B	38.0B	125 B	573	820	428	2 170	343	146	142	85.3B	6
7	51.4B	46.1B	36.8B	130 B	523	799	402	1 880E	319	145	132	86.8B	7
8	53.3B	44.3B	36.6B	134 B	518	888	373	1 630E	296	140	127	80.8B	8
9	53.1B	46.3B	38.2B	144 B	514	788	379	1 380E	275	138	122	85.0B	9
10	51.7B	48.1B	39.7B	376 B	780	778	374	1 130E	280	133	116	80.5B	10
11	50.8B	48.3B	43.3B	410 B	785	812	356	928A	260	128	112	44.0B	11
12	49.0B	50.6B	46.2B	440 B	709	773	332	1 100	243	121	108	42.9B	12
13	48.7B	49.3B	48.2B	474 B	683	731	308	881	231	116	107	41.1B	13
14	49.3B	49.3B	44.8B	474 B	781	1 030	284	833	228	114	108	42.1B	14
15	56.7B	50.4B	44.4B	434 B	870	1 010	269	829	223	110	105 B	39.0B	15
16	70.6B	50.6B	43.6B	484	880	806	295	731	213	107	82.3B	34.5B	16
17	78.7B	49.6B	43.5B	456	849	741	286	645	203	102	81.4B	33.7B	17
18	77.6B	48.8B	43.0B	426	486	689	284	579	199	100	87.9B	33.2B	18
19	68.3B	48.6B	43.1B	383	485	657	339	525	184	98.4	82.4B	33.8B	19
20	67.9B	48.4B	42.6B	338	518	588	316	478	179	97.1	86.7B	33.8B	20
21	77.3B	48.2B	41.3B	307	803	809	296	484	178	93.5	83.6B	33.5B	21
22	78.6B	47.8B	41.1B	278	807	877	286	583	183	91.6	86.9B	34.2B	22
23	72.3B	46.3B	41.7B	264	818	702	287	548	186	91.4	82.4B	34.4B	23
24	66.3B	45.0B	42.4B	238	808	818	314	519	180	89.5	83.1B	35.7B	24
25	64.8B	46.0B	42.2B	232	807	822	313	548	182	86.6	78.6B	38.6B	25
26	58.6B	45.1B	41.8B	213	831	446	300	487	186	82.2	77.9B	36.6B	26
27	59.1B	44.5B	40.1B	210	880	413	280	441	183	83.6	76.8B	37.7B	27
28	60.1B	44.8B	40.3B	199	874	435	338	400	188	87.3	80.9B	34.9B	28
29	57.6B		41.8B	188	787	459	384	370	183	91.2	76.7B	33.6B	29
30	56.0B		41.9B	241	838	475	330	348	181	92.0	77.2B	34.2B	30
31	53.4B		42.7B		797		339	334		93.6		34.3B	31
TOTAL	1 885.7	1 341.8	1 388.1	7 878.4	18 830	20 113	10 788	35 803	8 808	3 481.4	3 187.8	1 398.6	TOTAL
MEAN	60.2	47.9	41.9	268	807	670	348	1 180	227	112	106	45.1	MEAN
MAX	78.7	50.6	52.1	474	829	1 030	477	6 220	343	148	204	76.7	MAX
MIN	46.7	44.3	36.9	48.8	367	413	284	334	181	82.2	82.8	33.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 309
MAXIMUM DAILY, 6 220A ON AUG 3
MINIMUM DAILY, 33.2B ON DEC 18
MAXIMUM INSTANTANEOUS,
7 110 AT 10:30 MST ON AUG 3

REMARKS - OBSERVATION AT TIME WHEN PEAK DISCHARGE WAS OCCURRING

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 42 56 N
LONG 117 37 19 W
DRAINAGE AREA, 50 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	181 000	JUL	932 000
FEB	116 000	AUG	3 080 000
MAR	112 000	SEP	686 000
APR	688 000	OCT	301 000
MAY	1 630 000	NOV	273 000
JUN	1 740 000	DEC	121 000

TOTAL DISCHARGE, 9 780 000 dam³

SNAKE CREEK NEAR VULCAN - STATION NO. 05AC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0.044	0	0	0	0.035	0.001	0	0	---	1
2	---	0	0.005	0.034	0	0	0	0.013	0.001	0	0A	---	2
3	---	0	0.033	0.060	0	0	0	0.004	0.001	0	---	---	3
4	---	0	0.022	0.095	0	0	0	0.002	0.001	0	---	---	4
5	---	0	0.015	0.089	0	0	0	0.001	0.001	0	---	---	5
6	---	0.005	0.014	0.088	0	0	0	0	0.001	0	---	---	6
7	---	0.015	0.0088	0.095	0	0	0	0	0	0	---	---	7
8	---	0.013	0.0058	0.093	0	0	0	0	0	0	---	---	8
9	---	0.005	0.0038	0.068	0	0	0	0	0	0	---	---	9
10	---	0.013	0.0038	0.068	0	0	0	0.001	0	0	---	---	10
11	---	0.021	0.0028	0.046	0	0	0	0.001	0	0	---	---	11
12	---	0.017	0.0028	0.055	0	0	0	0	0	0	---	---	12
13	---	0.010	0.0028	0.043	0	0	0	0.001	0	0	---	---	13
14	---	0.005	0.0028	0.029	0	0	0	0.003	0	0	---	---	14
15	---	0.003	0.0038	0.038	0	0	0	0.001	0	0	---	---	15
16	---	0.002	0.0028	0.032	0	0	0	0.001	0	0	---	---	16
17	---	0.001	0.0028	0.031	0	0	0	0.003	0	0.001	---	---	17
18	---	0.002	0.0028	0.028	0	0	0	0	0	0.001	---	---	18
19	---	0.001	0.0028	0.010	0	0	0	0	0	0.001	---	---	19
20	---	0	0.0018	0.008	0	0	0	0.158	0	0	---	---	20
21	---	0	0.0028	0.008	0	0	0	0.147	0	0	---	---	21
22	---	0	0.0018	0.003	0	0	0.002	0.088	0	0	---	---	22
23	---	0	0.0118	0.002	0	0	0	0.063	0	0	---	---	23
24	---	0	0.0848	0.002	0	0	0	0.048	0	0	---	---	24
25	---	0	0.0418	0.001	0	0	0.351	0.042	0	0.001	---	---	25
26	---	0	0.0408	0	0	0	0.088	0.031	0	0.001	---	---	26
27	---	0	0.0378	0	0	0	0.139	0.018	0	0.001	---	---	27
28	0A	0	0.0188	0	0	0	0.705	0.009	0	0.001	---	---	28
29	0		0.0248	0	0	0	0.338	0.004	0	0	---	---	29
30	0		0.0418	0	0	0	0.171	0.003	0	0	---	---	30
31	0		0.0498		0		0.082	0.002		0.001			31
TOTAL	---	0.121	0.447	1.081	0	0	1.878	0.590	0.008	0.008	---	---	TOTAL
MEAN	---	0.004	0.014	0.036	0	0	0.061	0.022	0	0	---	---	MEAN
MAX	---	0.021	0.084	0.095	0	0	0.705	0.158	0.001	0.001	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.705 ON JUL 28
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
2.70 AT 18:08 MST ON JUL 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 20 N
LONG 112 54 46 W
DRAINAGE AREA, 260 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	182
FEB	10.5	AUG	69.8
MAR	38.6	SEP	0.52
APR	94.3	OCT	0.89
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 396 dam³

SNAKE INDIAN RIVER NEAR THE MOUTH - STATION NO. 07AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	26.5	48.9	67.6A	84.4	27.5	16.7	---	---	1
2	---	---	---	---	32.8	42.6	67.3A	123 A	29.9	17.0	---	---	2
3	---	---	---	---	32.0	39.0	66.6A	110	32.4	17.5	---	---	3
4	---	---	---	---	28.8	43.7	69.0E	93.2	30.5	18.7	---	---	4
5	---	---	---	---	26.5	65.1	65.8E	82.1	29.2	17.6	---	---	5
6	---	---	---	---	23.9	97.2	59.8A	70.4	26.8	15.7	---	---	6
7	---	---	---	---	27.6	101	56.0A	61.0	26.8	14.8	---	---	7
8	---	---	---	---	41.3	91.4	55.4E	56.0	24.5	14.1 A	---	---	8
9	---	---	---	---	53.2	94.5	53.5A	51.8	23.4	13.8 E	---	---	9
10	---	---	---	---	54.1	99.0	50.9A	50.5	24.4	13.2 E	---	---	10
11	---	---	---	---	48.3	84.8	45.4A	46.2	23.9	13.8 E	---	---	11
12	---	---	---	---	56.3	87.2	42.5A	41.7	23.6	13.0 E	---	---	12
13	---	---	---	---	57.0	147	44.4A	39.4	24.3	12.0 E	---	---	13
14	---	---	---	---	48.9	141	48.5A	35.8	24.5	11.7 E	---	---	14
15	---	---	---	---	40.9	114	48.4A	32.4	24.1	11.7 E	---	---	15
16	---	---	---	---	36.7	104	41.7A	30.9	23.2	11.8 E	---	---	16
17	---	---	---	---	34.0	83.8A	37.7A	29.0	20.6	10.8 E	---	---	17
18	---	---	---	---	35.4	74.1A	34.6A	27.1	19.0	10.2 E	---	---	18
19	---	---	---	---	35.0	74.4A	33.3A	25.9	18.0	10.1 E	---	---	19
20	---	---	---	---	31.3	80.8A	31.2A	27.9	17.0	10.3 E	---	---	20
21	---	---	---	---	26.3	92.6A	33.6A	26.6	16.8	10.4 E	---	---	21
22	---	---	---	---	25.9	86.6A	36.2A	27.1	18.0	9.00E	---	---	22
23	---	---	---	---	24.4	85.9A	36.1A	25.7	18.6	9.80E	---	---	23
24	---	---	---	---	24.4	82.3A	36.1E	25.3	18.6	10.6 E	---	---	24
25	---	---	---	---	28.2	65.7A	40.3A	24.9	18.1	10.1 E	---	---	25
26	---	---	---	---	36.5	49.6A	45.1A	24.5	19.1	9.80E	---	---	26
27	---	---	---	---	52.3	57.2A	47.1A	24.3	19.6	9.40E	---	---	27
28	---	---	---	---	52.3	64.6A	44.6A	25.5	19.0	9.85A	---	---	28
29	---		---	13.2A	56.0	67.8A	43.8A	29.6	18.9	11.0 E	---	---	29
30	---		---	18.3	56.0	67.0A	42.6	28.4	18.2	13.0 E	---	---	30
31	---		---		53.5		45.4	26.6		14.6 E		---	31
TOTAL	---	---	---	---	1 228.4	2 384.0	1 472.4	1 410.1	675.5	391.85	---	---	TOTAL
MEAN	---	---	---	---	39.6	79.4	47.5	45.5	22.5	12.6	---	---	MEAN
MAX	---	---	---	---	56.0	147	69.0	123	32.4	18.7	---	---	MAX
MIN	---	---	---	---	23.9	38.0	31.2	24.3	18.2	9.00	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.0
MAXIMUM DAILY, 147 ON JUN 13
MINIMUM DAILY, 9.00E ON OCT 22
MAXIMUM INSTANTANEOUS,
188 AT 22:20 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 26 N
LONG 118 01 58 W
DRAINAGE AREA, 1 560 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	127 000
FEB	---	AUG	122 000
MAR	---	SEP	56 400
APR	---	OCT	33 900
MAY	105 000	NOV	---
JUN	204 000	DEC	---

TOTAL DISCHARGE, 851 000 dam³

SOUNDING CREEK NEAR CHINOOK - STATION NO. 05GA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1578	0	0	0	OE	OE	0	0	---	1
2	---	---	0 B	0.060	0	0	0	OE	OE	0	0	---	2
3	---	---	0 B	0.026	0	0	0	OE	OE	0	0A	---	3
4	---	---	0 B	0.007	0	0	0	OE	OE	0	---	---	4
5	---	---	0.1388	0.003	0	0	0	OE	OE	0	---	---	5
6	---	---	0.0388	0.026	0	0	0	OE	OE	0	---	---	6
7	---	---	0 B	0.017	0	0	0	OE	OE	0	---	---	7
8	---	---	0 B	0.007	0	0	0	OE	OE	0	---	---	8
9	---	---	0 B	0.003	0	0	0	OE	OE	0	---	---	9
10	---	---	0 B	0.002	0	0	0	OE	OE	0	---	---	10
11	---	---	0 B	0.002	0	0	0	OE	OE	0	---	---	11
12	---	---	0 B	0.001	0	0	0	OE	OE	0	---	---	12
13	---	---	0 B	0	0	0	0	OE	OE	0	---	---	13
14	---	---	0 B	0	0	0	0	OE	OE	0	---	---	14
15	---	---	0 B	0	0	0	0	OE	OE	0	---	---	15
16	---	---	0 B	0	0	0	0	OE	OE	0	---	---	16
17	---	---	0.0018	0	0	0	0	OE	OE	0	---	---	17
18	---	---	0.0508	0	0	0	0	OE	OE	0	---	---	18
19	---	OB	0.2248	0	0	0	0	OE	OE	0	---	---	19
20	---	OB	0.1978	0	0	0	0	OE	OE	0	---	---	20
21	---	OB	0.1488	0	0	0	0	OE	OE	0	---	---	21
22	---	OB	0.0878	0	0	0	0	OE	OA	0	---	---	22
23	---	OB	0.0488	0	0	0	OE	OE	0	0	---	---	23
24	---	OB	0.0118	0	0	0	OE	OE	0	0	---	---	24
25	---	OB	0.0388	0	0	0	OE	OE	0	0	---	---	25
26	---	OB	0.2388	0	0	0	OE	OE	0	0	---	---	26
27	---	OB	0.2618	0	0	0	OE	OE	0	0	---	---	27
28	---	OB	0.1308	0	0	0	OE	OE	0	0	---	---	28
29	---		0.0808	0	0	0	OE	OE	0	0	---	---	29
30	---		0.0808	0	0	0	OE	OE	0	0	---	---	30
31	---		0.1888		0		OE	OE		0		---	31
TOTAL	---	---	1.670	0.331	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.060	0.011	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.261	0.157	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.2618 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 52 N
LONG 110 55 11 W
DRAINAGE AREA, 2 260 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	162	SEP	0
APR	28.6	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 191 dam³

SOUNDING CREEK NEAR OYEN - STATION NO. 05GA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2288	0.002	0	0	0	0	0	0	---	1
2	---	---	0 B	0.0848	0.001	0	0	0	0	0	0A	---	2
3	---	---	0 B	0.038	0.002	0	0	0	0	0	---	---	3
4	---	---	0 B	0.028	0.001	0	0	0	0	0	---	---	4
5	---	---	0.1008	0.013	0	0	0	0	0	0	---	---	5
6	---	---	0.0508	0.013	0	0	0	0	0	0	---	---	6
7	---	---	0.0388	0.020	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.018	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.018	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.038	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.018	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.013	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.010	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.014	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.014	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.0808	0	0	0	0	0	0	0	---	---	17
18	---	OB	0.4008	0	0	0	0	0	0	0	---	---	18
19	---	OB	0.3008	0	0	0	0	0	0	0	---	---	19
20	---	OB	0.2508	0	0	0	0	0	0	0	---	---	20
21	---	OB	0.2208	0	0	0	0	0	0	0	---	---	21
22	---	OB	0.2008	0	0	0	0	0	0	0	---	---	22
23	---	OB	0.1408	0	0	0	0	0	0	0	---	---	23
24	---	OB	0.1208	0	0	0	0	0	0	0	---	---	24
25	---	OB	0.1428	0	0	0	0	0	0	0	---	---	25
26	---	OB	0.2788	0	0	0	0	0	0	0	---	---	26
27	---	OB	0.4148	0	0	0	0	0	0	0	---	---	27
28	---	OB	0.3628	0	0	0	0	0	0	0	---	---	28
29	---		0.3638	0	0	0	0	0	0	0	---	---	29
30	---		0.3708	0	0	0	0	0	0	0	---	---	30
31	---		0.2888		0		0	0		0		---	31
TOTAL	---	---	3.953	0.553	0.006	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.128	0.018	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.414	0.329	0.002	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.4148 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 56 N
LONG 110 38 25 W
DRAINAGE AREA, 3 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	342	SEP	0
APR	47.8	OCT	0
MAY	0.53	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 390 dam³

SOUSA CREEK NEAR HIGH LEVEL - STATION NO. 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0888	0.0808	14.4	5.80E	1.56	0.800	2.67	1.00 E	---	---	1
2	---	---	0.0888	0.0808	14.1	5.80E	1.85	2.21	2.48	1.00 E	---	---	2
3	---	---	0.0878	0.0888	13.8	5.21A	1.47	4.87	2.37	0.850E	---	---	3
4	---	---	0.0878	0.0905	13.3	5.06	1.38	7.10	2.34	0.900E	---	---	4
5	---	---	0.0868	0.0928	12.6	4.77	1.28	9.84	2.13	0.850E	---	---	5
6	---	---	0.0858	0.0958	11.8	4.88	1.20	11.7	1.88	0.800E	---	---	6
7	---	---	0.0848	0.1008	11.1	5.06	1.12	11.6	1.68	0.878A	---	---	7
8	---	---	0.0848	0.1808	10.3	5.20	1.04	11.5	1.77	0.934	---	---	8
9	---	---	0.0938	0.2008	9.47	5.08	0.938	11.0	1.70	0.958	---	---	9
10	---	---	0.0928	0.2818	8.00	5.14	0.843	10.4	1.61	0.944	---	---	10
11	---	---	0.0928	0.2328	6.77	5.12	0.784	10.1	1.53	0.948	---	---	11
12	---	---	0.0918	0.1788	5.58	4.82	0.890	9.87	1.48	1.00	---	---	12
13	---	---	0.0908	0.1448	5.40	4.38	0.858	9.40	1.37	1.04	---	---	13
14	---	---	0.0898	0.2738	5.07	4.00	0.828	9.11	1.30	1.01	---	---	14
15	---	---	0.0898	0.5668	5.09	3.68	0.849	8.48	1.23	1.06	---	---	15
16	---	0.1068	0.0888	0.8628	5.33	3.37	0.710	7.80	1.31	2.06	---	---	16
17	---	0.1078	0.0888	5.80 E	5.63	3.16	0.788	7.84	1.44	2.03	---	---	17
18	---	0.1078	0.0878	11.7	10.3	2.87	0.877	7.70	1.44	1.94	---	---	18
19	---	0.1068	0.3668	12.1	11.3	2.76	0.588	7.03	1.38	1.88	---	---	19
20	---	0.1058	0.0858	11.3	11.2	2.48	0.648	6.33	1.36	1.77	---	---	20
21	---	0.1048	0.0858	10.8	10.8	3.26	0.804	5.86	1.31	2.36	---	---	21
22	---	0.1048	0.0848	10.3	10.6	3.23	0.471	5.35	1.28	2.80	---	---	22
23	---	0.1038	0.0848	10.8	10.1	3.26	0.428	4.80	1.28	3.00	---	---	23
24	---	0.1028	0.0838	10.6	9.36	3.47	0.398	4.48	1.27	3.01	---	---	24
25	---	0.1028	0.0828	11.1	8.89A	3.46	0.371	3.89	1.31A	2.89	---	---	25
26	---	0.1018	0.0818	11.2	7.86A	3.28	0.349	3.60	1.28E	2.74 A	---	---	26
27	---	0.1008	0.0808	11.4	7.21A	3.14	0.324	3.33	1.30E	2.70 E	---	---	27
28	---	0.0998	0.0808	11.8	6.80E	1.87	0.305	3.30	1.18E	2.80 E	---	---	28
29	---		0.0788	12.8	6.60E	1.63	0.288	3.06	1.30E	2.80 E	---	---	29
30	---		0.0788	13.9	6.40E	1.70	0.284	2.84	1.06E	2.80 E	---	---	30
31	---		0.0768		6.10E		0.342	2.85		2.80 E		---	31
TOTAL	---	---	2.735	158.389	302.35	109.84	33.130	207.630	48.91	55.884	---	---	TOTAL
MEAN	---	---	0.088	5.28	9.75	3.66	0.748	6.69	1.58	1.84	---	---	MEAN
MAX	---	---	0.098	13.8	14.4	5.80	1.56	11.7	2.67	3.01	---	---	MAX
MIN	---	---	0.076	0.080	5.10	1.70	0.284	0.800	1.06	0.800	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 14.4 ON MAY 1
MINIMUM DAILY, 0.0768 ON MAR 31
MAXIMUM INSTANTANEOUS,
14.8 AT 18:00 MST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 35 29 N
LONG 118 29 35 W
DRAINAGE AREA, 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 000
FEB	---	AUG	17 800
MAR	238	SEP	4 080
APR	13 700	OCT	4 820
MAY	26 100	NOV	---
JUN	9 480	DEC	---

TOTAL DISCHARGE, 78 400 dam³

SOUTH FORK MILK RIVER NEAR BABB - STATION NO. 11AA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2838	1.44	1.84	1.08	0.311	0.788	0.538	0.481	---	---	1
2	---	---	0.2838	2.12	1.42	0.934	0.463	0.598	0.481	0.463	---	---	2
3	---	---	0.6668	4.81	1.22	0.821	0.428	0.598	0.428	0.463	---	---	3
4	---	---	3.40 B	5.10	1.11	0.736	0.463	0.823	0.428	0.428	---	---	4
5	---	---	4.25 B	3.22	1.06	0.851	0.428	0.598	0.510	0.428	---	---	5
6	---	---	2.55 B	2.26	1.02	0.851	0.463	0.568	0.510	0.428	---	---	6
7	---	---	1.70 B	1.84	0.963	0.823	0.428	0.823	0.538	0.463	---	---	7
8	---	---	1.27 B	1.62	0.878	0.598	0.368	0.598	0.538	0.463	---	---	8
9	---	---	0.8918	1.42	0.788	0.878	0.311	0.538	0.510	0.463	---	---	9
10	---	---	0.7368	1.36	0.737	0.878	0.368	0.481	0.481	0.452	---	---	10
11	---	---	0.6618	1.18	0.880	0.880	0.481	0.481	0.463	0.463	---	---	11
12	---	---	0.881	1.11	0.883	0.598	0.510	0.538	0.463	0.481	---	---	12
13	---	---	0.820	1.03	0.738	0.538	0.398	0.588	0.463	0.481	---	---	13
14	---	---	0.8348	0.883	0.821	0.481	0.260	1.03	0.463	0.463	---	---	14
15	---	---	0.7858	1.02	0.880	0.428	0.224	1.73	0.463	0.481	---	---	15
16	---	---	0.8808	1.22	0.880	0.428	0.173	1.18	0.481	0.481	---	---	16
17	---	---	0.8238	1.82	0.880	0.481	0.340	0.878	0.598	0.510	---	---	17
18	---	---	0.8868	3.24	0.880	0.510	2.48	0.850	0.823	0.510	---	---	18
19	---	---	0.4818	2.38	0.793	0.878	4.18	0.708	0.588	0.481	---	---	19
20	---	---	0.4618	1.88	0.738	1.09	1.88	0.598	0.510	0.481	---	---	20
21	---	---	0.5108	1.38	0.738	0.708	0.881	0.481	0.481	0.463	---	---	21
22	---	---	0.4818	1.33	1.06	0.510	4.28	0.481	0.463	0.463	---	---	22
23	---	---	0.4538	1.38	1.06	0.481	8.88	0.538	0.463	0.463	---	---	23
24	---	---	0.5108	1.38	0.883	0.428	4.88	1.88	0.463	0.463	---	---	24
25	---	---	0.5668	1.38	0.878	0.398	2.88	2.28	0.463	0.463	---	---	25
26	---	---	0.5868	1.28	1.18	0.340	1.87	1.58	0.463	0.428	---	---	26
27	---	---	0.4618	1.32	3.23	0.311	1.33	1.18	0.598	0.428	---	---	27
28	---	---	0.3988	1.18	3.77	0.311	1.10	0.880	0.708	0.428	---	---	28
29	---		0.4258	1.18	3.10	0.340	0.834	0.880	0.823	0.428	---	---	29
30	---		0.5108	1.26	1.47	0.340	0.878	0.598	0.538	0.428E	---	---	30
31	---		0.850		1.22		0.850	0.598		0.428E		---	31
TOTAL	---	---	28.288	53.453	38.341	18.044	44.788	25.322	15.208	14.101	---	---	TOTAL
MEAN	---	---	0.913	1.78	1.17	0.801	1.44	0.817	0.507	0.455	---	---	MEAN
MAX	---	---	4.25	5.10	3.77	1.08	8.88	2.28	0.708	0.510	---	---	MAX
MIN	---	---	0.283	0.883	0.880	0.311	0.173	0.481	0.428	0.428	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.981
MAXIMUM DAILY, 8.88 ON JUL 23
MINIMUM DAILY, 0.173 ON JUL 18
MAXIMUM INSTANTANEOUS,
11.8 AT 08:00 MST ON JUL 23

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 14 N
LONG 113 10 00 W
DRAINAGE AREA, 181 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 870
FEB	---	AUG	3 180
MAR	2 440	SEP	1 310
APR	4 620	OCT	1 220
MAY	3 140	NOV	---
JUN	1 880	DEC	---

TOTAL DISCHARGE, 30 400 dam³

SOUTH HEART RESERVOIR NEAR MCLENNAN - STATION NO. 07BF006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.235	3.284	3.823	3.810	3.400	3.242	3.861	3.861	---	---	1
2	---	---	3.234	3.284	3.819	3.821	3.388	3.243	3.857	3.848	---	---	2
3	---	---	3.235	3.287	3.814	3.834	3.381	3.280	3.853	3.838	---	---	3
4	---	---	3.239A	3.280	3.826	3.848	3.388	3.288	3.848	3.818	---	---	4
5	---	---	---	3.227	3.832	3.852	3.380	3.304	3.845	3.818	---	---	5
6	---	---	---	3.234	3.840	3.822	3.348	3.318	3.842	3.827	---	---	6
7	---	---	---	3.274	3.830	3.828	3.338	3.334	3.840	3.812	---	---	7
8	---	---	---	3.304	3.847	3.830	3.338	3.381	3.831	3.822	---	---	8
9	---	---	---	3.331	3.833	3.813	3.331	3.376	3.827	3.819	---	---	9
10	---	---	---	3.356	3.837	3.884	3.313	3.416	3.824	3.818	---	---	10
11	---	---	---	3.374	3.848	3.887	3.303	3.420	3.828	3.814	---	---	11
12	---	---	---	3.384	3.822	3.873	3.293	3.458	3.821	3.484	---	---	12
13	---	---	---	3.413	3.816	3.836	3.279	3.485	3.813	3.507	---	---	13
14	---	---	---	3.432	3.821	3.856	3.268	3.532	3.823	3.512	---	---	14
15	---	---	---	3.464	3.813	3.856	3.235	3.556	3.809	3.505	---	---	15
16	---	---	---	3.474	3.816	3.839	3.248	3.575	3.807	3.484	---	---	16
17	---	---	---	3.481	3.828	3.832	3.271	3.582	3.803	3.495	---	---	17
18	---	---	---	3.506	3.846	3.816	3.243	3.606	3.886	3.496	---	---	18
19	---	---	---	3.524	3.844	3.813	3.233	3.616	3.801	3.488	---	---	19
20	---	3.233A	---	3.541	3.847	3.812	3.228	3.631	3.886	3.487	---	---	20
21	---	3.233	---	3.552	3.846	3.490	3.218	3.640	3.892	3.493	---	---	21
22	---	3.234	---	3.562	3.849	3.449	3.206	3.644	3.882	3.486	---	---	22
23	---	3.234	---	3.578	3.840	3.437	3.198	3.647	3.900	3.487	---	---	23
24	---	3.234	3.267A	3.586	3.841	3.448	3.194	3.651	3.563	3.480	---	---	24
25	---	3.235	3.269	3.581	3.844	3.441	3.197	3.656	3.880	3.482	---	---	25
26	---	3.235	3.271	3.591	3.845	3.438	3.191	3.680	3.885	3.474A	---	---	26
27	---	3.235	3.272	3.594	3.848	3.434	3.192	3.656	3.546	3.478E	---	---	27
28	---	3.235	3.273	3.608	3.855	3.435	3.201	3.655	3.553	3.478E	---	---	28
29	---		3.276	3.607	3.849	3.418	3.204	3.657	3.549	3.478E	---	---	29
30	---		3.279	3.617	3.864	3.410	3.205	3.655	3.528	3.478E	---	---	30
31	---		3.276		3.834		3.220	3.662		3.474E	---	---	31
MEAN	---	---	---	3.444	3.838	3.538	3.270	3.508	3.607	3.502	---	---	MEAN
MAX	---	---	---	3.617	3.855	3.852	3.400	3.662	3.861	3.551	---	---	MAX
MIN	---	---	---	3.227	3.813	3.410	3.191	3.242	3.528	3.482	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1987

MAXIMUM DAILY, 3.662 ON AUG 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 50 N
LONG 110 35 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
2 090 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 822.058 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41 - STATION NO. 05AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	130 B	97.58	83.18	102	125	89.4	72.3	154	122	83.3	87.9	83.08	1
2	128 B	98.48	86.48	113	110	101	60.4	134	118	82.8	91.0	88.08	2
3	120 B	105 B	78.78	117	127	112	56.1	112	119	80.3	97.0	92.08	3
4	112 B	110 B	76.88	110	206	111	49.5	103	112	80.4	93.4	93.08	4
5	108 B	111 B	72.58	118	272	108	47.4	84.1	108	82.2	87.8	80.08	5
6	104 B	112 B	84.98	127	288	107	56.1	73.6	112	86.5	83.7	78.08	6
7	100 B	108 B	98.68	152	287	136	52.1	64.4	121	46.7	81.7	78.08	7
8	95.18	105 B	125 B	158	248	138	46.5	58.9	123	41.6	78.7	81.58	8
9	92.18	101 B	130 B	174	230	132	43.1	53.2	137	48.7	78.8	81.08	9
10	88.18	105 B	138 B	187	209	97.7	59.2	50.4	153	58.8	85.0	78.88	10
11	82.18	111 B	118 B	181	214	88.1	78.7	48.7	183	67.7	82.4	78.08	11
12	80.18	116 B	127 B	180	214	78.2	64.3	51.3	148	56.6	83.3	87.08	12
13	86.18	126 B	143 B	176	218	70.0	58.4	53.2	182	53.7	82.8	81.08	13
14	88.28	127 B	118 B	169	263	68.2	66.9	52.8	217	51.3	78.5	58.08	14
15	84.18	118 B	112 B	156	273	63.6	78.7	60.6	216	62.3	77.5	40.08	15
16	78.18	116 B	136 B	150	287	66.6	66.1	67.9	232	62.5	82.2	25.08	16
17	78.18	113 B	135 B	130	276	66.7	57.1	75.4	248	76.9	86.2	19.08	17
18	74.18	116 B	116 B	106	261	65.5	54.5	109	285	86.8	82.38	17.08	18
19	74.18	110 B	139 B	105	276	64.4	53.0	136	261	79.0	77.88	16.08	19
20	74.18	107 B	129 B	110	279	69.0	64.8	155	226	76.4	82.48	21.58	20
21	78.18	103 B	126 B	124	276	77.5	58.8	144	186	123	70.08	24.58	21
22	78.18	86.78	127 B	144	262	85.8	60.8	141	116	105	74.08	27.58	22
23	84.18	85.58	112 B	148	240	101	70.3	182	92.3	101	57.88	35.08	23
24	88.18	84.48	116	144	228	83.1	129	134	73.7	96.8	87.08	40.88	24
25	80.18	88.48	116	134	196	85.2	221	88.0	85.8	96.9	102 B	43.08	25
26	78.18	83.68	113	118	171	89.3	202	86.4	85.5	102	93.38	45.08	26
27	86.08	86.28	110	114	161	87.4	306	106	82.6	101	81.18	46.58	27
28	100 B	83.38	110	108	128	86.1	288	102	80.6	98.0	76.28	47.28	28
29	102 B		118	108	127	84.2	233	88.6	47.1	89.6	82.38	47.78	29
30	103 B		87.6	132	103	86.6	213	107	48.4	87.2	73.48	47.48	30
31	101 B		83.6		93.0		169	114		81.4		47.08	31
TOTAL	2 858.0	2 985.2	3 420.7	4 083	6 851.0	2 729.5	3 199.6	3 000.3	4 112.3	2 340.1	2 439.1	1 988.2	TOTAL
MEAN	92.2	106	110	136	215	91.0	103	96.8	137	75.5	81.3	64.4	MEAN
MAX	130	127	143	187	288	136	306	162	261	123	102	93.0	MAX
MIN	74.1	83.3	86.8	102	93.0	83.6	43.1	48.7	47.1	41.8	57.8	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 106
MAXIMUM DAILY, 306 ON JUL 27
MINIMUM DAILY, 17.08 ON DEC 16
MAXIMUM INSTANTANEOUS,
336 AT 17:00 MST ON JUL 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 15 N
LONG 110 05 45 W
DRAINAGE AREA, 58 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 247 000	JUL 276 000
FEB 256 000	AUG 259 000
MAR 295 000	SEP 356 000
APR 354 000	OCT 202 000
MAY 575 000	NOV 211 000
JUN 236 000	DEC 148 000

TOTAL DISCHARGE, 3 410 000 dam³

SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT - STATION NO. 05AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	120 B	105 B	74.8B	108	108	112	50.4	112	122	46.8	81.0E	82.0B	1
2	112 B	110 B	76.3B	108	168	111	44.2	101	117	45.0	93.1A	93.0B	2
3	108 B	111 B	72.0B	105	209	108	40.3	87.2	107	81.4	83.5	80.0B	3
4	104 B	111 B	84.8B	111	274	104	50.3	74.3	108	57.6	80.2	78.0B	4
5	100 B	109 B	95.4B	129	290	119	45.8	84.4	116	43.0	78.2	78.0B	5
6	95.0B	105 B	119 B	144	258	136	38.2	59.3	119	39.0	76.6	81.5B	6
7	92.0B	101 B	121 B	153	234	130	34.1	53.0	123	46.4	75.3	81.0B	7
8	86.0B	104 B	120 B	188	212	108	46.1	50.5	140	56.7	78.6	78.8B	8
9	82.0B	111 B	116 B	171	186	93.2	70.3	48.7	148	55.2	79.7	75.0B	9
10	80.0B	116 B	126 B	188	206	84.1	76.0	49.8	144	53.8	78.8	87.0B	10
11	85.0B	125 B	142 B	186	203	76.3	61.3	52.8	141	52.0	80.4	81.0B	11
12	86.0B	126 B	116	182	221	70.8	80.4	48.4	171	46.8	76.2	56.0B	12
13	84.0B	117 B	111	155	291	86.3	78.3	53.1	205	55.8	72.9	40.0B	13
14	78.0B	114 B	136	145	266	89.0	82.3	55.3	207	78.6	78.3	26.0B	14
15	76.0B	111 B	124	139	285	71.2	61.2	73.7	223	77.7	78.0	19.0B	15
16	74.0B	113 B	117	110	274	67.4	47.1	79.1	242	78.0	82.3	17.0B	16
17	74.0B	108 B	128	95.7	260	93.8	42.8	126	246	80.8	77.8B	18.0B	17
18	74.0B	105 B	124	108	277	87.3	44.8	138	252	68.8	82.4B	21.5B	18
19	75.0B	101 B	125	108	280	71.8	48.5	148	186	110	70.0B	24.5B	19
20	76.0B	96.9B	128	125	272	77.5	61.0	140 A	132	104	74.0B	27.5B	20
21	84.0B	93.8B	111	139	288	87.4	56.7	168 A	86.8	88.0	67.8	35.0B	21
22	86.0B	92.8B	107	137	236	81.0	66.7	170 A	78.1	86.8A	67.0	40.6B	22
23	80.0B	86.9B	110	131	218	83.2	173	111 E	86.1	93.8A	102	43.0B	23
24	78.0B	92.4B	107	119	179	82.4	197	81.6A	86.6	84.0E	93.3	46.0B	24
25	86.0B	85.0B	108	110	169	89.5	193	86.7	80.7	86.0E	81.1	46.8B	25
26	100 B	82.2B	108	105	133	92.3	303	105	47.5	86.8A	76.2	47.2B	26
27	102 B	82.1B	112 B	102	124	86.7	259	89.0	42.4	86.8A	82.3	47.7B	27
28	103 B	86.9B	110 B	113	117	84.6	205	104	45.2	86.8A	73.4	47.4B	28
29	101 B		90.6B	125	81.2	89.3	181	107	50.2	90.8A	83.0B	47.0B	29
30	97.3B		84.1	113	89.5	86.0	161	120	49.4	86.8A	88.0B	46.0B	30
31	96.2B		108		91.2		142	118		86.8A		44.8B	31
TOTAL	2 791.5	2 860.0	3 432.7	3 870.7	6 475.9	2 841.3	2 989.1	2 877.8	3 648.1	2 306.9	2 374.6	1 805.0	TOTAL
MEAN	90.0	102	111	129	209	86.0	96.7	92.8	126	74.4	79.2	61.8	MEAN
MAX	120	126	142	171	291	136	302	170	252	110	102	93.0	MAX
MIN	74.0	86.8	72.0	86.7	81.2	86.0	34.1	48.4	42.4	39.0	67.8	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 104
MAXIMUM DAILY, 302 ON JUL 26
MINIMUM DAILY, 17.0B ON DEC 16
MAXIMUM INSTANTANEOUS,
314 AT 15:20 MST ON JUL 26

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 110 40 40 W
DRAINAGE AREA, 58 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	241 000	JUL	258 000
FEB	247 000	AUG	248 000
MAR	297 000	SEP	332 000
APR	334 000	OCT	199 000
MAY	560 000	NOV	205 000
JUN	226 000	DEC	139 000

TOTAL DISCHARGE, 3 280 000 dam³

SOUTH WABASCA LAKE NEAR DESMARAIS - STATION NO. 07JA002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.332	0.322E	0.411	---	0.401	---	0.408	0.347	0.288	---	1
2	---	---	0.329	0.322E	0.388	---	0.398	---	0.395	0.333	0.264	---	2
3	---	---	0.330A	0.322A	0.408	---	0.413	---	0.396	0.316	0.220A	---	3
4	---	---	---	0.308	0.415	---	0.435	---	0.389	0.289	---	---	4
5	---	---	---	0.304	0.443	---	0.442	---	0.382	0.284	---	---	5
6	---	---	---	0.301	0.448	---	0.438	---	0.367	0.310	---	---	6
7	---	---	---	0.303	0.424	---	0.439	---	0.395	0.287	---	---	7
8	---	---	---	0.304	0.429	---	0.438	---	0.393	0.319	---	---	8
9	---	---	---	0.302	0.403	---	0.435	---	0.381	0.312	---	---	9
10	---	---	---	0.300	0.385	---	0.436A	---	0.388	0.324	---	---	10
11	---	---	---	0.300	0.401	---	---	---	0.385	0.315	---	---	11
12	---	---	---	0.305	0.388	---	---	---	0.382	0.303	---	---	12
13	---	---	---	0.307	0.387	---	---	---	0.373	0.310	---	---	13
14	---	---	---	0.311	0.380	---	---	---	0.383	0.289	---	---	14
15	---	---	---	0.318	0.372	---	---	---	0.376	0.275	---	---	15
16	---	---	---	0.323	0.384	---	---	---	0.385	0.258	---	---	16
17	---	---	---	0.328	0.390	---	---	---	0.370	0.243	---	---	17
18	---	---	---	0.332	0.382	---	---	---	0.385	0.254	---	---	18
19	---	---	---	0.335	0.400	---	---	---	0.385	0.256	---	---	19
20	---	---	---	0.342	0.387	---	---	---	0.382	0.260	---	---	20
21	---	---	---	0.348	0.382	---	0.338A	---	0.358	0.242	---	---	21
22	---	---	---	0.351	0.381	---	0.338	---	0.356	0.267	---	---	22
23	---	---	---	0.352	0.376	---	0.337	---	0.352	0.257	---	---	23
24	---	0.334A	0.263A	0.355	0.376	0.388A	0.335	---	0.354	0.238	---	---	24
25	---	0.332	---	0.361	0.376	0.382	0.330A	---	0.347	0.219	---	---	25
26	---	0.331	---	0.378	0.372	0.390	0.324E	0.418A	0.334	0.222	---	---	26
27	---	0.331	---	0.362	0.373	0.389	0.318A	0.407	0.337	0.238	---	---	27
28	---	0.333	---	0.380	0.380	0.388	---	0.398	0.330	0.234	---	---	28
29	---		---	0.403	0.385	0.381	---	0.387	0.336	0.241	---	---	29
30	---		---	0.429	0.408E	0.385	---	0.407	0.310	0.235	---	---	30
31	---		---		0.415E		---	0.404		0.248	---	---	31
MEAN	---	---	---	0.334	0.385	---	---	---	0.368	0.275	---	---	MEAN
MAX	---	---	---	0.429	0.448	---	---	---	0.408	0.347	---	---	MAX
MIN	---	---	---	0.300	0.367	---	---	---	0.310	0.219	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 58 23 N
LONG 113 48 18 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
1 800 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SPRAY POWER DIVERSION AT CANMORE - STATION NO. 05BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.8	10.8	12.6	15.4	16.2	14.1	2.88	0	1.50	2.12	7.15	9.87	1
2	23.0	11.9	15.8	16.8	11.3	11.3	10.0	0	5.30	2.94	8.83	9.26	2
3	17.0	13.1	15.9	15.7	11.9	11.3	5.75	0	1.73	0	4.19	13.1	3
4	17.0	13.3	14.1	10.2	18.1	15.8	0	0	1.64	3.48	10.0	12.7	4
5	18.4	20.5	14.2	10.2	21.9	10.2	3.40	3.75	0.026	9.20	12.9	8.44	5
6	18.8	18.9	15.3	17.8	16.8	0	0.783	0	0	0.934	10.1	5.86	6
7	18.8	18.8	12.7	17.0	17.8	2.07	2.83	0.783	1.39	1.84	8.83	8.77	7
8	18.0	18.9	13.2	20.7	20.3	14.7	8.71	0	13.7	3.37	8.28	9.06	8
9	18.8	21.7	18.7	18.4	18.9	17.4	0.481	2.76	0	2.27	10.4	10.1	9
10	18.7	18.2	19.1	18.9	16.8	11.1	0	5.23	0	0	10.1	10.7	10
11	14.8	21.3	18.4	12.7	24.8	4.47	0	1.81	0	1.18	8.88	8.08	11
12	13.0	21.2	18.8	12.0	27.8	11.6	0	2.87	0	1.42	8.83	7.88	12
13	12.7	21.1	18.4	20.0	27.7	4.70	0	0	0	3.43	11.7	10.6	13
14	12.8	17.1	12.8	7.28	32.4	5.88	0.838	1.47	1.84	4.13	8.34	10.2	14
15	12.8	17.2	12.8	16.3	31.6	13.8	1.88	1.81	1.58	7.02	10.1	10.1	15
16	12.9	21.2	20.0	16.8	29.7	9.37	0	2.72	3.14	7.08	10.3	4.11	16
17	11.4	20.8	19.9	14.6	28.8	9.08	1.50	0	4.25	0	10.4	13.1	17
18	11.4	21.3	17.4	12.8	27.2	8.88	4.38	0	2.88	1.67	8.36	11.8	18
19	13.8	20.8	19.9	14.7	26.0	5.30	0	1.87	0	8.58	3.37	7.28	19
20	13.9	21.8	19.9	17.2	22.9	1.13	4.42	1.80	0	10.1	5.58	7.48	20
21	12.8	17.3	7.11	16.8	22.4	0.878	0	1.87	2.01	8.82	8.30	11.8	21
22	12.7	18.9	8.57	17.4	21.9	7.45	0	2.12	2.84	11.4	9.80	11.8	22
23	12.9	21.2	18.7	18.3	21.7	0.588	2.84	2.83	0	9.77	10.4	11.8	23
24	8.83	21.8	18.3	16.7	20.2	0	4.18	2.89	1.70	8.74	9.74	8.81	24
25	11.4	20.8	14.4	12.7	20.8	4.78	0	0.288	2.87	7.08	10.8	5.41	25
26	11.3	19.3	14.4	12.8	18.8	5.78	0.708	2.15	0	8.83	11.3	9.28	26
27	11.8	18.8	14.3	17.2	17.7	0	8.87	2.07	0.087	8.85	8.80	8.80	27
28	11.3	13.0	8.52	16.8	14.3	1.80	1.42	2.88	2.07	8.83	5.80	8.82	28
29	11.4		8.87	18.4	16.2	8.83	5.10	0	8.81	8.87	7.19	15.5	29
30	11.4		14.8	11.4	7.14	18.8	0	1.22	3.00	8.15	8.71	18.0	30
31	11.1		15.8		2.44		3.26	1.42		8.88		11.8	31
TOTAL	438.23	518.0	478.27	471.48	675.36	230.334	74.830	50.348	80.185	189.844	284.81	311.74	TOTAL
MEAN	14.2	18.4	15.5	15.7	21.8	7.68	2.42	1.62	2.01	6.48	8.83	10.1	MEAN
MAX	23.0	21.7	20.0	20.7	32.9	17.4	10.0	8.23	13.7	11.4	12.8	18.0	MAX
MIN	8.83	10.8	8.57	7.28	2.44	0	0	0	0	0	3.37	4.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 32.9 ON MAY 20
MINIMUM DAILY, 0 ON JUN 6

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 51 05 20 N
LONG 115 22 25 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 900	JUL	8 470
FEB	44 600	AUG	4 380
MAR	41 400	SEP	5 200
APR	40 700	OCT	14 700
MAY	58 400	NOV	22 900
JUN	19 900	DEC	26 800

TOTAL DISCHARGE, 323 000 dam³

SPRAY RESERVOIR AT THREE SISTERS DAM - STATION NO. 05BC008

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1698.88	1698.88	1694.48	1692.10	1688.87	1690.39	1693.48	1695.78	1697.28	1697.81	1697.63	1698.80	1
2	1698.88	1698.88	1694.41	1692.01	1690.04	1690.40	1693.51	1695.83	1697.32	1697.83	1697.54	1698.47	2
3	1698.80	1698.78	1694.33	1691.98	1690.07	1690.41	1693.58	1695.88	1697.35	1697.83	1697.50	1698.43	3
4	1698.42	1698.73	1694.28	1691.80	1690.08	1690.42	1693.68	1695.94	1697.39	1697.84	1697.44	1698.38	4
5	1698.35	1698.87	1694.22	1691.87	1690.01	1690.45	1693.79	1696.00	1697.43	1697.95	1697.39	1698.37	5
6	1698.25	1698.87	1694.13	1691.78	1690.03	1690.86	1693.90	1696.05	1697.45	1697.93	1697.36	1698.35	6
7	1698.13	1698.48	1694.07	1691.88	1690.05	1690.83	1694.00	1696.10	1697.48	1697.83	1697.33	1698.32	7
8	1698.07	1698.42	1694.01	1691.59	1690.13	1690.85	1694.08	1696.14	1697.52	1697.93	1697.31	1698.27	8
9	1698.00	1698.33	1693.91	1691.48	1690.27	1690.88	1694.12	1696.20	1697.53	1697.94	1697.27	1698.23	9
10	1697.94	1698.21	1693.79	1691.39	1690.41	1691.18	1694.21	1696.27	1697.56	1697.95	1697.28	1698.20	10
11	1697.89	1698.12	1693.71	1691.33	1690.48	1691.24	1694.30	1696.31	1697.58	1697.96	1697.21	1698.14	11
12	1697.83	1698.02	1693.83	1691.37	1690.54	1691.35	1694.39	1696.35	1697.61	1697.97	1697.18	1698.08	12
13	1697.78	1695.93	1693.54	1691.18	1690.62	1691.47	1694.45	1696.42	1697.62	1697.96	1697.14	1698.02	13
14	1697.73	1695.85	1693.47	1691.17	1690.83	1691.63	1694.54	1696.48	1697.67	1697.94	1697.09	1698.08	14
15	1697.68	1695.78	1693.41	1691.05	1690.85	1691.73	1694.59	1696.56	1697.66	1697.92	1697.05	1698.08	15
16	1697.64	1695.69	1693.31	1690.94	1690.88	1691.95	1694.67	1696.61	1697.69	1697.92	1697.01	1698.01	16
17	1697.60	1695.57	1693.20	1690.87	1690.87	1692.12	1694.73	1696.68	1697.71	1697.84	1697.03	1698.94	17
18	1697.58	1695.47	1693.12	1690.85	1690.88	1692.28	1694.80	1696.74	1697.73	1697.84	1697.02	1698.88	18
19	1697.50	1695.38	1693.01	1690.78	1690.81	1692.38	1694.89	1696.78	1697.75	1697.91	1698.97	1698.82	19
20	1697.44	1695.28	1692.92	1690.68	1690.85	1692.84	1694.96	1696.84	1697.77	1697.87	1698.94	1698.77	20
21	1697.38	1695.20	1692.88	1690.58	1690.48	1692.88	1695.04	1696.88	1697.78	1697.85	1698.88	1698.75	21
22	1697.33	1695.13	1692.86	1690.47	1690.37	1692.77	1695.14	1696.93	1697.81	1697.80	1698.88	1698.71	22
23	1697.27	1695.01	1692.77	1690.38	1690.27	1692.88	1695.20	1696.97	1697.82	1697.78	1698.82	1698.68	23
24	1697.28	1694.92	1692.67	1690.26	1690.17	1692.98	1695.28	1697.01	1697.83	1697.76	1698.77	1698.62	24
25	1697.20	1694.80	1692.58	1690.18	1690.12	1693.07	1695.35	1697.03	1697.84	1697.71	1698.73	1698.60	25
26	1697.14	1694.71	1692.52	1690.15	1690.18	1693.15	1695.41	1697.07	1697.87	1697.85	1698.70	1698.57	26
27	1697.11	1694.81	1692.44	1690.08	1690.11	1693.23	1695.48	1697.11	1697.86	1697.87	1698.84	1698.52	27
28	1697.08	1694.53	1692.41	1690.01	1690.18	1693.33	1695.58	1697.14	1697.88	1697.84	1698.82	1698.48	28
29	1697.01		1692.34	1689.95	1690.20	1693.39	1695.60	1697.16	1697.88	1697.80	1698.81	1698.43	29
30	1698.86		1692.28	1690.00	1690.27	1693.43	1695.65	1697.22	1697.90	1697.58	1698.58	1698.35	30
31	1698.91		1692.21		1690.37		1695.73	1697.25		1697.84		1698.28	31
MEAN	1697.88	1695.78	1693.32	1691.00	1690.31	1691.88	1694.85	1696.57	1697.85	1697.85	1697.08	1698.84	MEAN
MAX	1698.88	1698.88	1694.48	1692.10	1690.87	1693.43	1695.73	1697.25	1697.90	1697.97	1697.54	1698.80	MAX
MIN	1698.91	1694.53	1692.21	1689.95	1688.87	1690.39	1693.48	1695.78	1697.28	1697.84	1698.58	1698.28	MIN

WATER LEVELS IN METRES

MEAN, 1694.97
MAXIMUM DAILY, 1698.88 ON JAN 1
MINIMUM DAILY, 1688.95 ON APR 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 59 00 N
LONG 115 22 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SPRAY RIVER AT BANFF - STATION NO. 05BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.778	3.648	3.028	2.078	5.13	4.38	4.18	3.87	3.38	3.88	3.71	3.448	1
2	3.758	3.468	3.048	2.178	4.88	4.18	4.11	3.84	3.48	3.87	3.88	3.608	2
3	3.608	3.308	3.138	2.358	4.41	4.00	4.23	3.72	3.80	3.88	3.85	3.708	3
4	3.688	3.178	3.258	2.488	4.13	4.08	4.31	3.70	3.81	3.88	3.70	3.838	4
5	3.618	3.378	3.398	2.818	4.12	4.84	4.48	3.70	3.84	3.94	3.87	3.748	5
6	3.778	3.638	3.378	2.848	4.42	5.28	4.33	3.85	3.98	3.88	3.87	3.788	6
7	3.728	3.598	3.288	2.428	4.63	5.25	4.24	3.85	3.90	3.93	3.88	3.938	7
8	3.688	3.598	3.108	2.288	5.46	5.22	4.13	3.48	3.45	3.89	3.88	3.558	8
9	3.888	3.568	1.888	2.188	6.02	5.34	4.13	3.44	3.38	3.91	3.84	3.808	9
10	3.608	3.538	1.928	2.378	6.08	5.40	4.41	3.92	3.31	3.85	3.83	3.588	10
11	3.648	3.478	1.908	2.288	6.61	4.88	4.18	4.03	3.31	3.87	3.82	3.388	11
12	3.888	3.318	3.188	2.248	6.38	4.80	4.08	3.87	3.30	3.88	3.80	3.108	12
13	3.648	3.288	3.198	2.178	6.23	5.08	3.90	4.23	3.30	3.84	3.81	1.888	13
14	3.798	3.288	3.188	2.188	5.78	5.10	3.78	4.40	3.27	3.85	3.88	1.718	14
15	3.748	3.358	3.248	2.258	5.47	5.20	3.74	4.48	3.38	3.89	3.49	1.618	15
16	3.628	3.328	3.248	2.268	6.61	7.84	3.78	4.38	3.33	3.88	3.488	1.508	16
17	3.568	3.298	3.238	2.228	6.13	7.00	3.84	4.26	3.28	3.85	3.188	1.558	17
18	3.578	3.298	3.178	2.138	6.88	6.13	4.22	4.11	3.19	3.77	3.238	1.758	18
19	3.598	3.358	3.148	2.038	6.80	5.72	4.51	3.98	3.17	3.73	3.408	1.858	19
20	3.668	3.378	3.148	1.978	6.88	5.62	4.84	4.12	3.08	3.74	3.838	2.708	20
21	3.668	3.288	3.208	2.108	6.46	5.93	4.80	3.81	3.09	3.82	3.848	2.558	21
22	3.678	3.228	3.248	2.188	6.21	5.72	5.13	3.82	3.05	3.77	3.618	2.408	22
23	3.668	3.188	3.268	2.208	6.03	5.33	4.84	3.87	3.05	3.73	3.578	2.408	23
24	3.668	3.118	3.228	2.298	3.87	4.84	4.52	3.88	3.07	3.80	3.488	2.488	24
25	3.698	3.038	3.218	2.338	3.84	4.88	4.48	3.85	3.04	3.77	3.478	2.508	25
26	3.698	3.028	3.188	2.368	3.88	4.54	4.48	3.88	3.21	3.72	3.438	2.608	26
27	3.718	1.948	3.088	2.52A	3.86	4.53	4.19	3.87	3.18	3.71	3.388	2.688	27
28	3.728	1.978	1.908	2.88	4.24	4.47	3.88	3.48	3.10	3.70	3.288	2.608	28
29	3.718		1.868	3.57	4.80	4.33	3.88	3.48	3.04	3.88	3.248	2.578	29
30	3.708		1.908	4.33	4.80	4.28	3.81	3.44	3.02	3.71	3.378	3.308	30
31	3.688		1.978		4.87		4.00	3.38		3.71		3.008	31
TOTAL	84.30	64.98	68.06	71.80	150.36	153.88	131.10	118.48	98.28	87.71	78.18	72.33	TOTAL
MEAN	3.72	3.32	2.13	2.39	4.85	5.12	4.23	3.82	3.28	2.83	2.84	3.33	MEAN
MAX	3.84	3.84	3.38	4.33	6.38	7.84	5.12	4.48	3.80	3.89	3.89	3.82	MAX
MIN	3.58	1.97	1.88	1.97	3.84	4.00	3.74	3.38	3.02	3.88	3.13	1.80	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 7.84 ON JUN 16
MINIMUM DAILY, 1.80B ON DEC 16
MAXIMUM INSTANTANEOUS,
9.21 AT 15:10 MST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 35 N
LONG 115 33 16 W
DRAINAGE AREA, 749 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 280	JUL	11 300
FEB	5 610	AUG	10 200
MAR	5 710	SEP	8 490
APR	6 200	OCT	7 560
MAY	13 000	NOV	6 560
JUN	13 300	DEC	6 280

TOTAL DISCHARGE, 102 000 dam³

SPRING CREEK (UPPER) NEAR VALLEYVIEW - STATION NO. 07GF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003E	0.040E	0.018	0.004	1.18	0.060	0.010	0.010E	---	1
2	---	0.001E	---	0.005E	0.061E	0.012	0.004	2.20	0.104	0.013	0.010E	---	2
3	---	---	0 8	0.014E	0.061E	0.011	0.004	1.47	0.100E	0.018	---	---	3
4	---	---	---	0.028E	0.05E	0.011	0.004	0.848	0.078E	0.020	---	---	4
5	0.002E	---	---	0.033E	0.04E	0.014	0.003	0.553	0.071E	0.017	---	---	5
6	---	---	---	0.081E	0.03E	0.027	0.003	0.374	0.054E	0.014	---	---	6
7	---	---	---	0.185E	0.03E	0.021	0.004	0.280	0.048E	0.013	---	---	7
8	---	---	---	0.185E	0.03E	0.017	0.004	0.185	0.047E	0.013	---	---	8
9	---	0.002E	0.001E	0.221E	0.02E	0.013	0.005	0.183	0.051E	0.013	---	---	9
10	---	---	---	0.227E	0.02E	0.014	0.005	0.25E	0.05E	0.014	---	---	10
11	---	---	---	0.238E	0.02E	0.010	0.005	0.231	0.042E	0.01E	---	---	11
12	0.002E	---	---	0.185E	0.02E	0.009	0.005	0.215	0.031E	0.011	---	---	12
13	---	---	---	0.183E	0.02E	0.009	0.003	0.20E	0.028E	0.009	---	---	13
14	---	---	---	0.15E	0.01E	0.008	0.002	0.18E	0.027E	0.009	---	---	14
15	---	---	---	0.15E	0.02E	0.009	0.002	0.13E	0.02E	0.01E	---	---	15
16	---	0.005E	0.001E	0.12E	0.01E	0.009	0.002	0.22E	0.03E	0.01E	---	---	16
17	---	---	---	0.08E	0.01E	0.008	0.002	0.17E	0.03E	0.01E	---	---	17
18	---	---	---	0.08E	0.02E	0.004	0.003	0.13E	0.02E	0.01E	---	---	18
19	0.001E	---	0.001E	0.06E	0.05E	0.004	0.003	0.11E	0.02E	0.01E	---	---	19
20	---	---	0.001E	0.06E	0.07E	0.003	0.002E	0.15E	0.02E	0.01E	---	---	20
21	---	---	---	0.07E	0.05E	0.01E	0.001E	0.18E	0.02E	0.01E	---	---	21
22	---	---	---	0.07E	0.04E	0.02E	0.001E	0.20E	0.02E	0.01E	---	---	22
23	---	0.002E	0.001E	0.06E	0.04E	0.01E	0.001E	0.19E	0.01E	0.00E	---	---	23
24	---	---	0.001E	0.04E	0.03E	0.01E	0.001E	0.17E	0.01E	0.00E	---	---	24
25	---	---	0.001E	0.03E	0.02E	0.01E	0.002E	0.14E	0.01E	0.00E	---	---	25
26	0.001E	---	0.001E	0.04E	0.02E	0.00E	0.003E	0.10E	0.01E	0.007E	---	---	26
27	---	---	---	0.04E	0.02E	0.00E	0.002E	0.08E	0.01E	0.007E	---	---	27
28	---	---	---	0.03E	0.03E	0.00E	0.001	0.08E	0.01E	0.008E	---	---	28
29	---		---	0.03E	0.02E	0.00E	0.002	0.07E	0.01E	0.010E	---	---	29
30	---		0.001E	0.02E	0.00E	0.00E	0.002	0.07E	0.01E	0.010E	---	---	30
31	---		0.002E		0.01E		0.05E	0.08E		0.010E		---	31
TOTAL	---	---	---	2.89E	1.08E	0.34E	0.13E	10.63E	1.18E	0.37E	---	---	TOTAL
MEAN	---	---	---	0.09E	0.03E	0.01E	0.004	0.34E	0.03E	0.01E	---	---	MEAN
MAX	---	---	---	0.23E	0.07E	0.02E	0.05E	2.20	0.10E	0.02E	---	---	MAX
MIN	---	---	---	0.00E	0.01E	0.00E	0.00E	0.07E	0.01E	0.00E	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.07E
MAXIMUM DAILY, 2.20 ON AUG 2
MINIMUM DAILY, 0.001E ON JUL 21
MAXIMUM INSTANTANEOUS,
2.27 AT 02:09 MST ON AUG 2

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 48 N
LONG 117 42 20 W
DRAINAGE AREA, 33.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	12.0
FEB	---	AUG	918
MAR	---	SEP	191
APR	250	OCT	22.1
MAY	94.1	NOV	---
JUN	30.0	DEC	---

TOTAL DISCHARGE, 1 440 dam³

SPRING CREEK NEAR VALLEYVIEW - STATION NO. 07EF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0228	0.085	0.073	0.012	---	0.204	0.009	0.0238	---	1
2	---	---	---	0.0538	0.374	0.081	0.013	---	0.286	0.009	0.0208	---	2
3	---	---	---	0.1348	0.183	0.055	0.010	---	0.711	0.012	---	---	3
4	---	---	---	0.2698	0.132	0.044	0.011	4.31 A	0.484	0.015	---	---	4
5	---	---	---	0.3028	0.102	0.037	0.008	3.12 E	0.271	0.028	---	---	5
6	---	---	---	0.2868	0.086	0.052	0.008	1.87 A	0.284	0.027	---	---	6
7	---	---	---	0.3388	0.082	0.047	0.008	1.38	0.149	0.046	---	---	7
8	---	---	---	0.4598	0.076	0.072	0.007	1.08	0.088	0.028	---	---	8
9	---	---	---	0.4958	0.086	0.054	0.012	0.833	0.179	0.026	---	---	9
10	---	---	---	0.4978	0.062	0.039	0.011	0.947	0.188	0.016	---	---	10
11	---	---	---	0.5488	0.047	0.032	0.009	1.07	0.145	0.017	---	---	11
12	---	---	---	0.4628	0.058	0.028	0.008	0.878	0.101	0.015	---	---	12
13	---	---	---	0.4868	0.058	0.027	0.005	0.778	0.078	0.012	---	---	13
14	---	---	---	0.4638	0.048	0.024	0.002	0.486	0.058	0.013	---	---	14
15	---	---	---	0.5228	0.084	0.130	0.001	0.384	0.048E	0.014	---	---	15
16	---	---	---	0.4508	0.081	0.037	0.002	0.313	0.044	0.015	---	---	16
17	---	---	---	0.3778	0.050	0.048	0.006	0.536	0.048	0.014	---	---	17
18	---	---	---	0.3068	0.074	0.048	0.008	0.609	0.052	0.016	---	---	18
19	---	---	---	0.1818	0.231	0.037	0.004	0.506	0.047	0.017B	---	---	19
20	---	---	---	0.1988	0.196	0.038	0.003	0.504	0.040	0.018B	---	---	20
21	---	---	---	0.1628	0.184	0.224	0.003	0.735	0.040	0.023B	---	---	21
22	---	---	---	0.1638	0.183	0.185	0.003	1.12	0.040	0.022B	---	---	22
23	---	---	---	0.1088	0.140	0.068	0.002	0.696	0.038	0.022B	---	---	23
24	---	---	---	0.1048	0.128	0.084	0.002	0.384	0.031	0.028B	---	---	24
25	---	---	---	0.0888	0.138	0.078	0.002	0.277	0.029	0.021B	---	---	25
26	---	---	---	0.0888	0.095	0.048	0.003	0.220	0.028	0.021B	---	---	26
27	---	---	---	0.0858	0.078	0.038	0.004	0.201	0.025	0.022B	---	---	27
28	---	---	---	0.0848	0.068	0.038	0.005	0.197	0.223	0.021B	---	---	28
29	---	---	---	0.089	0.073	0.030	0.144	0.141	0.038	0.023B	---	---	29
30	---	---	---	0.101	0.073	0.018	0.041	0.128	0.011	0.023B	---	---	30
31	---	---	---		0.268		0.288	0.213		0.024B	---	---	31
TOTAL	---	---	---	7.822	3.501	1.880	0.847	---	3.976	0.853	---	---	TOTAL
MEAN	---	---	---	0.384	0.113	0.063	0.031	---	0.133	0.021	---	---	MEAN
MAX	---	---	---	0.548	0.374	0.224	0.288	---	0.711	0.088	---	---	MAX
MIN	---	---	---	0.032	0.047	0.018	0.001	---	0.011	0.008	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.001 ON JUL 15

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 05 N
LONG 117 50 55 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	95.9
FEB	---	AUG	---
MAR	---	SEP	343
APR	884	OCT	58.4
MAY	302	NOV	---
JUN	183	DEC	---

SQUAW COULEE DIVERSION BELOW SQUAW COULEE DAM - STATION NO 05AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.893	1.50	0.826	0.883	0.746	---	---	1
2	---	---	---	---	0	0.883	1.50	0.812	0.886	0.735	---	---	2
3	---	---	---	---	0	0.827	1.52	0.799	0.884	0.724	---	---	3
4	---	---	---	---	0	1.11	1.53	0.787	0.884	0.713	---	---	4
5	---	---	---	---	0.200E	1.15	1.54	0.778	0.883	0.700	---	---	5
6	---	---	---	---	0.500E	1.18	1.55	0.781	0.783	0.687	---	---	6
7	---	---	---	---	0.700E	1.16	1.57	0.780	0.727	0.673	---	---	7
8	---	---	---	---	0.763A	1.16	1.58	0.785	0.728	0.662	---	---	8
9	---	---	---	---	0.784	1.13	1.61	0.790	0.730	0.647	---	---	9
10	---	---	---	---	0.884	1.10	1.63	0.787	0.730	0.632	---	---	10
11	---	---	---	---	0.940	1.06	1.65	0.803	0.711	0.618	---	---	11
12	---	---	---	---	1.02	1.02	1.66	0.806	0.704	0.596	---	---	12
13	---	---	---	---	1.00	0.984	1.65	0.809	0.688	0.580	---	---	13
14	---	---	---	---	0.998	0.977	1.22	0.828	0.658	0.561	---	---	14
15	---	---	---	---	1.07	1.13	1.00	0.833	0.683	0.542	---	---	15
16	---	---	---	---	1.08	1.24	1.19	0.838	0.684	0.293	---	---	16
17	---	---	---	---	1.04	1.33	1.21	0.845	0.670	0.121	---	---	17
18	---	---	---	---	1.02	1.37	1.26	0.854	0.667	0.127	---	---	18
19	---	---	---	---	1.01	1.40	1.33	0.861	0.664	0.113	---	---	19
20	---	---	---	---	0.990	1.43	1.33	0.864	0.719	0.108	---	---	20
21	---	---	---	---	0.974	1.46	1.32	0.848	0.726	0.103	---	---	21
22	---	---	---	---	0.957	1.42	1.27	0.854	0.726	0.100	---	---	22
23	---	---	---	---	0.938	1.31	1.02	0.838	0.727	0.088	---	---	23
24	---	---	---	---	0.922	1.33	1.03	0.817	0.726	0.085	---	---	24
25	---	---	---	---	0.906	1.38	1.03	0.794	0.727	0.082	---	---	25
26	---	---	---	---	0.895	1.38	1.02	0.833	0.733	0.089	---	---	26
27	---	---	---	---	0.887	1.38	1.01	0.858	0.740	0.083A	---	---	27
28	---	---	---	---	0.878	1.40	0.913	0.863	0.744	0.080E	---	---	28
29	---	---	---	---	0.885	1.46	0.884	0.880	0.747	0.080E	---	---	29
30	---	---	---	---	0.875	1.82	0.884	0.874	0.743	0.080E	---	---	30
31	---	---	---	---	0.883		0.843	0.879		0.080E	---	---	31
TOTAL	---	---	---	---	33.888	38.883	40.244	35.563	22.280	11.808	---	---	TOTAL
MEAN	---	---	---	---	0.773	1.33	1.30	0.826	0.743	0.374	---	---	MEAN
MAX	---	---	---	---	1.07	1.82	1.66	0.879	0.886	0.746	---	---	MAX
MIN	---	---	---	---	0	0.883	0.843	0.779	0.658	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.66 ON JUL 12
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
1.67 AT 20:31 MST ON JUL 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 35 N
LONG 113 55 33 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 455
FEB	---	AUG	2 210
MAR	---	SEP	1 830
APR	---	OCT	1 000
MAY	3 070	NOV	---
JUN	3 170	DEC	---

ST. MARY CANAL AT ST. MARY CROSSING - STATION NO. 05AE029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	10.6	7.81	17.5	17.2	16.0	16.5	0	---	---	1
2	---	---	0 E	8.80	8.00	17.7	17.4	16.5	16.5	0	---	---	2
3	---	---	0	8.84	8.01	16.2	17.4	16.5	16.5	0	---	---	3
4	---	---	0	8.88	7.84	16.7	17.4	16.5	16.5	0	---	---	4
5	---	---	0.172	8.87	7.89	16.6	17.5	16.7	16.4	0	---	---	5
6	---	---	3.03 A	8.82	8.36	16.1	13.0	16.9	16.5	0	---	---	6
7	---	---	3.40 A	8.83	12.8	16.1	8.27	16.2	16.4	0	---	---	7
8	---	---	5.23	9.10	13.4	16.2	7.26	16.2	13.3	0	---	---	8
9	---	---	8.98	9.08	13.7	16.2	8.51	16.2	5.26	0	---	---	9
10	---	---	8.99 A	8.78	14.3	16.1	11.3	16.2	0.180	0	---	---	10
11	---	---	11.4 A	8.01	16.0	16.1	11.4	16.3	0	0	---	---	11
12	---	---	13.2 A	7.06	16.4	16.0	11.3	16.6	0	0	---	---	12
13	---	---	13.6 A	6.90	17.2	16.1	12.2	16.6	0	0	---	---	13
14	---	---	14.1 A	3.19	16.3	14.6	14.2	16.7	0	0	---	---	14
15	---	---	14.5	3.13	16.0	14.6	14.9	16.9	0	0	---	---	15
16	---	---	14.5	3.16	16.5	15.7	15.0	16.0	0	0	---	---	16
17	---	---	14.5	3.13	16.3	17.1	15.1	16.5	0	0	---	---	17
18	---	---	14.5	3.07	16.9	17.6	15.3	16.9	0	0	---	---	18
19	---	---	14.7	3.04	16.4	16.1	15.2	16.9	0	0	---	---	19
20	---	---	14.6	3.03	16.6	16.0	15.2	17.0	0	0	---	---	20
21	---	---	14.5	3.02	16.1	16.0	15.4	17.0	0	0	---	---	21
22	---	---	14.4	3.57	14.9	17.6	14.9	16.9	0	0	---	---	22
23	---	---	14.1	5.05	11.7	17.6	12.4	16.9	0	0	---	---	23
24	---	---	13.4	5.05	8.76	17.6	15.4	16.9	0	0	---	---	24
25	---	---	13.6	4.99	8.70	17.4	15.4	16.6	0	0	---	---	25
26	---	---	12.1	4.96	8.78	17.3	15.2	16.6	0	0	---	---	26
27	---	---	12.0	4.96	11.4	17.2	15.3	16.5	0	0	---	---	27
28	---	---	11.9	4.99	16.6	17.1	15.6	16.5	0	0	---	---	28
29	---		11.6	5.02	17.2	17.1	16.2	16.5	0	0	---	---	29
30	---		11.6	8.06	17.2	17.1	16.1	16.5	0	0	---	---	30
31	---		11.7		17.3		16.1	16.5		0		---	31
TOTAL	---	---	306.902	181.68	431.43	529.2	443.18	508.8	134.040	0	---	---	TOTAL
MEAN	---	---	9.87	8.08	13.9	17.6	14.3	16.4	4.47	0	---	---	MEAN
MAX	---	---	14.7	10.8	16.5	18.2	17.5	17.0	16.5	0	---	---	MAX
MIN	---	---	0	3.02	7.89	14.8	7.26	16.7	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 18.5 ON MAY 16
MINIMUM DAILY, 0E ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 50 N
LONG 113 22 26 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 350
FEB	---	AUG	44 000
MAR	26 400	SEP	11 500
APR	15 700	OCT	0
MAY	37 300	NOV	---
JUN	45 700	DEC	---

TOTAL DISCHARGE, 219 000 dam³

ST MARY RESERVOIR NEAR SPRING COULEE - STATION NO 05AE025

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1098.815	1098.828	1098.784	1099.214	1101.447	1103.178	1102.739	1102.884	1102.475	1101.171	1100.840	1100.587	1
2	1098.811	1098.833	1098.769	1099.231	1101.538	1103.242	1102.688	1102.841	1102.442	1101.142	1100.837	1100.586	2
3	1098.808	1098.834	1098.771	1099.274	1101.684	1103.272	1102.613	1102.826	1102.372	1101.102	1100.828	1100.595	3
4	1098.802	1098.826	1098.781	1099.331	1101.791	1103.292	1102.505	1102.830	1102.328	1101.012	1100.812	1100.595	4
5	1098.800	1098.819	1098.822	1099.417	1101.878	1103.276	1102.419	1102.577	1102.285	1100.937	1100.806	1100.598	5
6	1098.801	1098.822	1098.853	1099.498	1101.948	1103.275	1102.333	1102.529	1102.229	1100.890	1100.805	1100.606	6
7	1098.809	1098.823	1098.875	1099.556	1101.986	1103.261	1102.263	1102.507	1102.182	1100.849	1100.809	1100.613	7
8	1098.800	1098.820	1098.877	1099.636	1101.997	1103.273	1102.196	1102.481	1102.136	1100.789	1100.801	1100.608	8
9	1098.806	1098.818	1098.887	1099.690	1101.988	1103.247	1102.117	1102.418	1102.075	1100.701	1100.803	1100.610	9
10	1098.812	1098.818	1098.894	1099.788	1101.987	1103.241	1102.034	1102.347	1102.021	1100.678	1100.808	1100.630	10
11	1098.819	1098.815	1098.913	1099.845	1102.051	1103.284	1101.989	1102.303	1101.987	1100.667	1100.805	1100.617	11
12	1098.830	1098.814	1098.934	1099.910	1102.140	1103.278	1101.913	1102.268	1101.912	1100.688	1100.808	1100.614	12
13	1098.814	1098.820	1098.952	1099.977	1102.184	1103.290	1101.864	1102.228	1101.833	1100.684	1100.808	1100.612	13
14	1098.795	1098.824	1098.969	1100.059	1102.207	1103.286	1101.795	1102.208	1101.758	1100.689	1100.590	1100.612	14
15	1098.801	1098.835	1098.986	1100.145	1102.383	1103.267	1101.886	1102.207	1101.681	1100.699	1100.584	1100.618	15
16	1098.986	1098.848	1099.003	1100.233	1102.458	1103.233	1101.956	1102.234	1101.671	1100.682	1100.681	1100.612	16
17	1098.996	1098.847	1099.015	1100.282	1102.562	1103.208	1101.445	1102.242	1101.651	1100.885	1100.696	1100.606	17
18	1098.800	1098.855	1099.022	1100.360	1102.885	1103.222	1101.421	1102.288	1101.390	1100.675	1100.696	1100.618	18
19	1098.804	1098.885	1099.054	1100.458	1102.898	1103.247	1101.487	1102.294	1101.345	1100.675	1100.686	1100.618	19
20	1098.803	1098.872	1099.069	1100.580	1102.712	1103.264	1101.552	1102.351	1101.340	1100.677	1100.682	1100.627	20
21	1098.806	1098.882	1099.085	1100.673	1102.728	1103.248	1101.618	1102.382	1101.343	1100.673	1100.695	1100.631	21
22	1098.813	1098.882	1099.105	1100.782	1102.760	1103.268	1101.714	1102.430	1101.348	1100.674	1100.695	1100.628	22
23	1098.821	1098.707	1099.118	1100.858	1102.778	1103.255	1101.825	1102.463	1101.348	1100.672	1100.691	1100.632	23
24	1098.827	1098.718	1099.125	1100.956	1102.780	1103.241	1102.124	1102.512	1101.323	1100.669	1100.692	1100.638	24
25	1098.827	1098.725	1099.131	1101.044	1102.783	1103.218	1102.272	1102.532	1101.323	1100.886	1100.686	1100.644	25
26	1098.828	1098.731	1099.145	1101.136	1102.777	1103.177	1102.377	1102.556	1101.311	1100.851	1100.688	1100.648	26
27	1098.834	1098.738	1099.157	1101.211	1102.802	1103.068	1102.495	1102.568	1101.307	1100.844	1100.690	1100.652	27
28	1098.842	1098.748	1099.169	1101.286	1102.894	1102.988	1102.588	1102.558	1101.314	1100.845	1100.688	1100.880	28
29	1098.834		1099.171	1101.295	1102.973	1102.901	1102.622	1102.528	1101.320	1100.854	1100.686	1100.661	29
30	1098.834		1099.180	1101.348	1103.048	1102.814	1102.662	1102.510	1101.244	1100.850	1100.680	1100.661	30
31	1098.828		1099.197		1103.114		1102.670	1102.484		1100.839		1100.663	31
MEAN	1098.813	1098.856	1099.093	1100.232	1102.382	1103.211	1102.117	1102.437	1101.732	1100.752	1100.698	1100.623	MEAN
MAX	1098.842	1098.748	1099.197	1101.348	1103.114	1103.282	1102.738	1102.564	1102.475	1101.171	1100.840	1100.663	MAX
MIN	1098.792	1098.814	1099.784	1099.214	1101.447	1102.814	1101.421	1102.207	1101.244	1100.839	1100.681	1100.587	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1100.874
MAXIMUM DAILY, 1103.282 ON JUN 4
MINIMUM DAILY, 1098.882 ON JAN 4
MAXIMUM INSTANTANEOUS,
1103.317 AT 17:25 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 21 48 N
LONG 113 06 58 W

REGULATED

DRAINAGE AREA,
2 280 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.024 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ST. MARY RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 05AE037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.968	3.548	3.118	3.43	48.8	48.2	11.9	28.4	18.8	8.30	3.83	1.838	1
2	2.278	3.548	3.388	9.88	53.2	82.4	14.3	33.6	16.7	8.04	3.83	1.708	2
3	3.088	3.408	3.408	7.04	56.8	48.7	15.4	30.3	17.8	7.73	3.97	1.848	3
4	3.118	3.408	3.548	8.40	53.8	38.8	18.3	17.8	17.8	7.80	3.83	2.048	4
5	3.408	3.388	3.888	8.81	48.8	34.8	17.8	18.7	17.3	7.33	3.78	3.31	5
6	3.888	3.388	3.98	5.43	43.8	33.1	22.2	18.8	18.8	7.28	3.88	3.48	6
7	3.838	3.288	4.08	5.80	39.1	34.0	22.4	17.1	18.1	7.28	3.88	2.80	7
8	3.988	3.118	3.21	9.28	38.8	38.2	20.0	16.4	18.2	8.82	2.82	1.848	8
9	4.288	3.118	2.72	10.3	41.3	38.8	17.8	18.1	21.8	8.88	2.82	1.988	9
10	4.818	3.118	3.21	10.7	44.7	38.1	18.8	16.2	21.6	8.88	2.48	2.128	10
11	5.108	3.118	4.40	12.2	47.3	38.1	18.1	15.4	18.4	8.37	2.48	2.128	11
12	5.108	3.978	4.11	12.3	48.1	38.1	15.4	14.8	15.7	8.28	2.41	1.988	12
13	4.618	3.978	5.11	14.1	50.4	38.4	15.8	14.0	14.4	8.03	2.32	1.988	13
14	4.288	3.838	4.88	18.8	50.4	38.8	12.0	16.2	13.8	8.87	2.32	1.988	14
15	3.988	3.838	4.28	15.7	47.8	34.3	11.0	18.8	12.7	8.89	2.18	1.988	15
16	4.288	2.88	4.04	18.3	47.0	34.8	11.8	18.4	12.3	8.88	1.788	1.838	16
17	4.838	2.87	3.88	18.8	46.2	34.0	13.3	15.8	11.7	8.07	1.848	1.838	17
18	4.618	2.88	3.71	16.0	45.8	33.4	17.7	16.8	11.1	4.87	1.988	1.888	18
19	4.878	2.88	3.77	17.3	36.8	32.8	21.8	17.3	10.8	4.28	2.128	1.888	19
20	4.838	2.88	4.81	18.8	30.8	31.7	22.0	17.7	10.2	4.05	2.418	1.988	20
21	4.388	2.83	4.08	19.8	28.2	30.8	23.8	18.7	9.71	4.38	2.558	1.938	21
22	4.258	2.72	3.18	18.7	27.4	28.9	48.8	18.4	9.51	3.84	2.418	1.848	22
23	4.118	2.38	2.88	18.8	26.8	26.0	70.8	18.7	9.08	3.71	2.278	1.938	23
24	3.868	2.858	2.87	16.7	25.8	22.3	83.1	18.8	8.89	3.85	2.128	1.878	24
25	3.828	2.888	2.72	17.0	23.3	18.4	87.2	20.8	8.89	3.77	1.988	1.938	25
26	3.828	2.888	3.03	17.8	24.2	18.2	81.0	22.4	9.08	3.48	1.708	1.888	26
27	3.668	2.898	3.28	18.3	38.8	12.0	44.2	22.2	9.83	3.37	1.848	2.078	27
28	3.668	2.838	1.868	24.0	44.7	10.3	38.8	21.7	9.08	3.31	1.848	2.128	28
29	3.668		1.848	30.8	43.8	10.2	34.0	20.8	8.89	3.28	1.818	2.078	29
30	3.548		2.278	34.1	41.8	9.87	31.7	20.1	8.82	3.09	1.838	1.938	30
31	3.408		2.83		41.3		29.2	19.8		3.03		1.818	31
TOTAL	132.31	92.70	108.18	482.88	1 378.8	943.37	817.8	580.8	405.32	188.94	88.23	82.08	TOTAL
MEAN	3.85	3.85	3.48	16.4	41.2	31.4	28.4	18.1	13.5	6.39	2.27	2.00	MEAN
MAX	5.10	3.54	5.21	36.1	88.5	82.4	70.8	28.4	21.8	8.30	3.97	2.80	MAX
MIN	1.98	2.38	1.88	3.43	33.3	9.87	11.0	14.0	8.82	3.03	1.83	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 70.8 ON JUL 23
MINIMUM DAILY, 1.838 ON NOV 30
MAXIMUM INSTANTANEOUS,
73.6 AT 05:00 MST ON JUL 23

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 12 N
LONG 113 18 48 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	70 800
FEB	7 150	AUG	48 400
MAR	9 350	SEP	35 100
APR	40 000	OCT	16 400
MAY	110 000	NOV	8 900
JUN	81 500	DEC	6 380

TOTAL DISCHARGE, 438 000 dam³

ST. MARY RIVER NEAR LETHBRIDGE - STATION NO. 05AE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.808	3.858	2.208	1.88	1.72	3.18	2.81	3.81	41.8	23.7	4.33	1.58 B	1
2	3.408	3.558	2.408	2.03	1.88	3.28	2.87	3.78	41.2	12.4	4.14	1.50 B	2
3	3.458	3.658	2.788	1.88	1.88	26.5	2.55	4.02	40.3	12.4	4.26	1.45 B	3
4	3.308	4.008	3.058	2.07	1.88	31.3	2.45	3.95	38.4	12.4	3.82	1.38 B	4
5	3.158	4.508	2.898	2.44	1.88A	30.8	3.84	3.84	39.1	12.3	3.88	1.31 B	5
6	2.988	5.008	2.778	4.13	1.88A	18.5	5.73	4.01	38.7	12.2	4.08	1.24 B	6
7	2.888	5.158	2.208	3.18	1.84A	6.77	4.38	4.18	38.4	12.3	3.83	1.41 B	7
8	2.758	5.108	1.808	2.80	1.87A	3.38	4.26	4.17	38.0	12.2	2.90	1.02 B	8
9	2.758	5.008	1.808	1.84	2.22A	3.61	4.26	4.05	38.8	12.1 A	2.80	1.08 B	9
10	3.008	4.808	1.888	1.86	1.89A	2.58	4.81	4.07	38.5	11.8 A	2.90	0.9508	10
11	3.208	4.838	1.908	3.22	1.88A	3.80	4.88	5.10	37.7	11.8 A	2.98	0.9108	11
12	3.458	4.258	2.108	2.15	2.21	8.24	4.33	5.23	37.8	10.7 A	2.90	0.8958	12
13	3.358	3.908	2.10	1.88	2.34	4.78	4.38	4.78	37.2	8.42A	2.88	0.8258	13
14	2.708	3.808	1.88	1.88	2.37	4.78	4.44	5.13	38.7	8.34A	2.88	0.7708	14
15	2.208	3.458	1.72	2.08	2.15	10.8	4.13	5.08	38.3	8.87A	2.958	0.8008	15
16	2.008	3.108	1.71	2.18	3.07	8.34	4.18	4.84	38.0	11.8 A	2.728	0.8508	16
17	2.208	3.388	1.78	1.71	2.34	3.88	4.11	4.44	38.4	12.1 A	2.408	0.8008	17
18	2.488	3.458	1.78	1.88	2.43	2.74	5.37	4.23	12.3	12.5 A	2.508	0.8508	18
19	2.838	3.008	1.87	1.81	2.38	3.48	8.31	4.01	7.87	12.4 A	2.808	1.00 B	19
20	3.008	2.408	2.28	1.78	2.72	8.23	7.00	4.07	8.44	12.8 A	3.008	1.08 B	20
21	3.808	2.128	2.04	1.77	2.70	12.2	5.88	3.84	8.26	12.1 A	2.888	1.09 B	21
22	4.108	2.008	1.88	1.72	2.58	12.0	8.08	7.37	8.10	12.1 A	2.858	1.18 B	22
23	5.008	1.888	1.91	1.84A	2.87	11.4	8.02	10.4	5.81	11.8 A	2.808	1.22 B	23
24	6.008	1.858	1.78	2.08A	2.43	8.73	4.33	11.8	5.70	11.5 A	2.308	1.30 B	24
25	5.808	1.858	1.81	2.04A	2.42	3.18	11.8	22.8	5.88	10.8 A	2.108	1.38 B	25
26	5.208	1.858	1.808	1.92A	2.54	2.73	13.8	30.2	8.22	10.8 A	1.888	1.48 B	26
27	4.588	1.808	1.408	1.92A	3.00	2.58	8.88	37.8	7.08	10.8 A	1.828	1.50 B	27
28	4.408	1.808	1.058	1.60A	3.45	2.83	3.88	43.4	6.32	8.21A	1.758	1.48 B	28
29	4.108		1.208	1.58A	2.81	2.88	3.81	43.3	5.58	8.56	1.708	1.40 B	29
30	3.808		1.808	1.48	2.74	2.78	3.70	42.8	4.88	7.70	1.888	1.38 B	30
31	3.758		1.108		2.88		3.81	42.8		4.82		1.30 B	31
TOTAL	108.73	83.88	80.88	81.78	78.84	237.18	188.18	382.88	778.83	353.20	88.81	38.378	TOTAL
MEAN	3.51	3.35	1.88	2.08	2.29	7.91	8.04	12.4	26.0	11.4	2.87	1.17	MEAN
MAX	6.00	5.15	3.08	4.13	3.45	31.3	13.8	43.4	44.8	23.7	4.33	1.58	MAX
MIN	2.00	1.88	1.08	1.48	1.88	2.38	2.45	3.78	8.88	4.82	1.88	0.770	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 44.8 ON SEP 30
MINIMUM DAILY, 0.770B ON DEC 14
MAXIMUM INSTANTANEOUS,
215E AT 20:50 MST ON SEP 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 24 N
LONG 112 50 38 W
DRAINAGE AREA, 3 630 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 380	JUL	13 800
FEB	8 080	AUG	33 100
MAR	8 280	SEP	67 400
APR	8 340	OCT	30 800
MAY	8 130	NOV	7 430
JUN	20 800	DEC	3 140

TOTAL DISCHARGE, 210 000 dam³

STEELE LAKE NEAR JARVIS - STATION NO. 07BC005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	858.872	858.852	858.747	---	858.883	858.818	---	---	1
2	---	---	---	---	858.872	858.882	858.742	858.883	---	---	---	---	2
3	---	---	---	---	---	---	858.742	---	858.883	858.823	858.881	---	3
4	---	---	---	---	858.878	858.883	858.738	858.883	858.883	---	---	---	4
5	---	---	---	---	858.882	858.882	---	858.883	858.883	858.823	---	---	5
6	---	---	---	---	858.852	858.882	858.738	858.873	---	858.823	---	---	6
7	---	---	---	---	---	858.882	858.732	858.873	---	858.818	---	---	7
8	---	---	---	---	858.848	---	---	---	858.883	---	---	---	8
9	---	---	---	857.006	858.842	858.883	858.732	858.883	858.888	858.803	---	---	9
10	---	---	---	---	858.838	---	858.729	858.888	858.888	---	---	---	10
11	---	---	---	---	858.837	858.888	---	858.883	858.888	---	---	---	11
12	---	---	---	---	858.812	858.887	---	858.880	---	858.883	---	---	12
13	---	---	---	---	858.807	---	858.717	858.883	---	858.883	---	---	13
14	---	---	---	---	858.807	---	858.708	858.883	858.878	---	---	---	14
15	---	---	---	857.012	858.888	858.852	858.882	---	858.873	858.883	---	---	15
16	---	---	---	857.012	858.882	858.852	858.883	---	858.870	858.883	---	---	16
17	---	---	---	857.012	858.888	858.837	858.888	858.878	---	---	---	---	17
18	---	---	---	857.012	858.887	858.837	---	858.875	858.883	858.883	---	---	18
19	---	---	---	---	858.887	---	---	858.883	---	858.883	---	---	19
20	---	---	---	857.012	858.882	858.837	858.873	---	---	---	---	---	20
21	---	---	---	857.012	---	858.817	858.888	858.883	858.883	858.888	---	---	21
22	---	---	---	857.006	858.882	858.812	---	858.883	858.843	---	---	---	22
23	---	---	---	857.017	---	858.782	858.888	---	858.843	858.888	---	---	23
24	---	858.874	---	858.882	858.882	858.787	858.883	858.883	858.841	---	---	---	24
25	---	---	---	858.867	858.882	858.787	---	858.888	858.841	---	---	---	25
26	---	---	---	858.882	858.882	858.787	---	---	---	858.883	---	---	26
27	---	---	---	858.882	---	---	858.873	858.883	---	858.883	---	---	27
28	---	---	---	858.877	858.887	858.782	858.888	858.883	858.823	858.883	---	---	28
29	---	---	---	858.872	858.907	858.782	858.888	---	858.823	858.883	---	---	29
30	---	---	---	---	---	858.782	---	---	858.823	858.880	---	---	30
31	---	---	---		---		858.863	858.883		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 38 50 N
LONG 113 47 45 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 255 km²

STEEN RIVER NEAR STEEN RIVER - STATION NO 07OB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1178	0.0888	83.4	8.42	4.04	3.47	3.52	5.85	---	---	1
2	---	---	0.1048	0.0858	83.7	7.88	4.38	3.33	4.20	5.48	---	---	2
3	---	---	0.1068	0.0858	84.0	8.41	5.01	3.12	3.80	5.22	---	---	3
4	---	---	0.1118	0.0888	84.9	9.78	5.41	2.94	3.88	4.84	---	---	4
5	---	---	0.1138	0.0878	86.3	11.2	5.58	2.78	3.44	4.73	---	---	5
6	---	---	0.1128	0.0888	88.3	12.8	5.18	2.62	3.23	4.83	---	---	6
7	---	---	0.1128	0.0928	88.2	20.0	4.53	2.84	3.08	4.89	---	---	7
8	---	---	0.1048	0.0838	89.8	28.4	7.81	3.08	2.82	5.38	---	---	8
9	---	---	0.1088	0.0918	92.8	26.8	7.30	2.65	2.78	5.77	---	---	9
10	---	---	0.1108	0.0918	48.7	24.3	6.58	2.70	2.85	6.13	---	---	10
11	---	---	0.1108	0.0908	41.0	23.8	6.07	2.83	2.89	6.18	---	---	11
12	---	---	0.1068	0.0848	38.9	22.2	5.58	2.53	2.82	6.35	---	---	12
13	---	---	0.1108	0.0988	34.0	20.3	5.20	2.48	2.44	6.74	---	---	13
14	---	---	0.1098	0.1028	31.7	18.8	4.80	2.38	2.42	6.78	---	---	14
15	---	---	0.1078	0.1158	30.1	14.8	6.49	2.22	2.48	6.83	---	---	15
16	---	---	0.1068	0.1258	28.5	13.6	6.23	2.10	2.83	6.60	---	---	16
17	---	0.1248	0.1028	0.1408	27.4	10.1	5.18	1.88	2.88	6.44	---	---	17
18	---	0.1268	0.1508	0.1648	27.0	8.20	5.08	1.89	4.13	6.84	---	---	18
19	---	0.1258	0.1008	0.3858	27.7	8.71	5.84	1.82	4.60	4.898	---	---	19
20	---	0.1248	0.1008	0.5278	26.8	5.68	5.88	1.78	5.81	4.808	---	---	20
21	---	0.1228	0.0968	0.6888	27.4	5.00	5.58	1.88	5.68	5.04	---	---	21
22	---	0.1218	0.0868	2.51 S	25.4	4.98	5.21	1.82	5.78	5.84	---	---	22
23	---	0.1218	0.0948	11.1 S	23.0	4.78	4.88	1.88	5.88	5.88	---	---	23
24	---	0.1228	0.0988	16.5 S	20.4	4.31	4.85	1.48	5.88	5.81	---	---	24
25	---	0.1188	0.0948	26.4 S	18.0	4.38	4.18	1.42	5.88	5.87	---	---	25
26	---	0.1188	0.0938	35.0 S	16.0	7.82	4.24	1.38	5.88	4.288	---	---	26
27	---	0.1218	0.0918	36.8 S	14.0	7.87	4.85	1.28	5.88	3.788	---	---	27
28	---	0.1208	0.0928	45.8 S	12.3	7.78	4.80	1.38	5.38	3.008	---	---	28
29	---		0.0938	56.8 S	10.8	7.81	4.18	1.41	5.11	3.408	---	---	29
30	---		0.0888	63.3	8.07	7.89	3.84	1.48	5.88	3.508	---	---	30
31	---		0.0888		7.88		3.73	1.88		3.408		---	31
TOTAL	---	---	3.188	289.514	1 105.18	388.82	181.18	88.28	131.71	185.18	---	---	TOTAL
MEAN	---	---	0.103	9.84	35.8	12.3	5.17	2.30	4.38	5.33	---	---	MEAN
MAX	---	---	0.117	63.3	88.3	28.8	8.88	3.47	5.88	8.78	---	---	MAX
MIN	---	---	0.088	0.088	7.88	4.88	3.73	1.38	2.42	3.00	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.84
MAXIMUM DAILY, 88.3 ON MAY 8
MINIMUM DAILY, 0.0888 ON APR 2
MAXIMUM INSTANTANEOUS,
88.8 AT 18:88 MST ON MAY 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 88 34 88 N
LONG 117 12 88 W
DRAINAGE AREA, 2 818 km²

S - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 18 888	
FEB	---	AUG 8 888	
MAR	278	SEP 11 488	
APR	28 888	OCT 14 388	
MAY	88 688	NOV ---	
JUN	32 888	DEC ---	

TOTAL DISCHARGE, 283 888 dam³

STEEPBANK RIVER NEAR FORT MCMURRAY - STATION NO. 07DA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5150	0.3950	0.4300	0.5650	35.3	19.0	4.92	1.27	1.66	1.53	2.150	---	1
2	0.5070	0.3940	0.4340	0.5900	29.2	18.1	4.84	2.04	2.00	1.56	2.110	---	2
3	0.5000	0.3930	0.4380	0.6000	31.2	18.5	4.78	2.49	2.00	1.47	2.080	---	3
4	0.4950	0.3920	0.4420	0.6200	33.3	21.2	4.76	2.13	1.86	1.43	2.066	---	4
5	0.4900	0.3910	0.4460	0.6500	33.5	21.5	4.84	1.89	1.68	1.41	2.040	---	5
6	0.4900	0.3900	0.4460	0.6700	33.1	21.2	4.80	1.76	1.61	1.36	2.040	---	6
7	0.4750	0.3900	0.4460	0.7000	31.6	21.6	4.80	1.71	1.68	1.52	2.030	---	7
8	0.4700	0.3900	0.4460	0.8000	28.9	21.2	4.32	1.64	1.60	1.90	---	---	8
9	0.4850	0.3900	0.4500	1.00 B	26.1	19.7	3.94	1.68	1.67	2.03	---	---	9
10	0.4900	0.3900	0.4500	1.20 B	27.5	18.8	3.80	1.66	1.59	2.10	---	---	10
11	0.4850	0.3900	0.4520	1.80 B	27.1	17.1	3.29	3.70	1.58	2.23	---	---	11
12	0.4800	0.3900	0.4540	2.04 B	26.5	15.9	2.99	3.11	1.53	2.30	---	---	12
13	0.4450	0.3900	0.4560	2.25 B	26.4	14.0	2.77	3.52	1.68	2.56	---	---	13
14	0.4400	0.3900	0.4580	2.80 B	24.0	12.3	2.84	3.70	1.80	2.89	---	---	14
15	0.4360	0.3900	0.4600	3.30 B	23.0	10.6	2.62	3.82	2.06	3.25	---	---	15
16	0.4300	0.3920	0.4620	5.00 B	21.9	9.85	2.40	3.24	2.23	3.27	---	---	16
17	0.4250	0.3940	0.4640	10.0 B	20.9	8.95	2.48	3.13	2.57	3.24	---	---	17
18	0.4200	0.3960	0.4660	10.2 B	20.4	7.98	2.40	2.85	2.80	3.18	---	---	18
19	0.4175	0.3980	0.4700	13.0 B	20.0	7.71	2.12	2.84	2.57	3.13	---	---	19
20	0.4150	0.4000	0.4740	16.0 B	18.4	7.29	1.88	2.78	2.44	2.935	---	---	20
21	0.4130	0.4040	0.4780	15.5 B	18.5	6.81	1.80	2.54	2.38	2.865	---	---	21
22	0.4110	0.4080	0.4820	16.5 B	17.7	7.00	1.78	2.29	2.25	2.815	---	---	22
23	0.4090	0.4120	0.4800	17.2 B	17.0	6.98	1.69	2.05	2.12	2.475	---	---	23
24	0.4070	0.4140	0.4880	21.2 B	16.4	6.82	1.41	1.90	2.02	2.358	---	---	24
25	0.4050	0.4170	0.5000	22.4 B	16.1	6.40	1.22	1.93	1.82	2.328	---	---	25
26	0.4020	0.4200	0.5100	28.4	15.8	6.06	1.06	1.81	1.67	2.258	---	---	26
27	0.4000	0.4220	0.5200	24.8	15.0	5.76	0.913	1.84	1.84	2.208	---	---	27
28	0.3890	0.4280	0.5300	26.1	14.4	5.41	0.854	1.73	1.70	2.158	---	---	28
29	0.3880		0.5450	25.9	13.6	5.01	0.882	1.74	1.66	2.158	---	---	29
30	0.3870		0.5650	27.3	13.7	4.89	1.12	1.83	1.60	2.158	---	---	30
31	0.3880		0.5800		14.4		1.02	1.88		2.158	---	---	31
TOTAL	13.827	11.187	14.748	295.812	708.5	372.00	84.779	72.85	58.66	71.38	---	---	TOTAL
MEAN	0.440	0.388	0.476	9.86	22.8	12.4	2.73	2.34	1.96	2.30	---	---	MEAN
MAX	0.515	0.426	0.580	27.3	33.3	21.6	4.92	3.70	2.80	3.27	---	---	MAX
MIN	0.388	0.390	0.430	0.566	13.7	4.89	0.913	1.27	1.53	1.36	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
33.6 AT 06:56 MST ON MAY 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 00 14 N
LONG 111 24 53 W
DRAINAGE AREA, 1 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 180	JUL	7 320
FEB	885	AUG	6 260
MAR	1 270	SEP	5 070
APR	25 500	OCT	6 170
MAY	61 000	NOV	---
JUN	32 100	DEC	---

STIMSON CREEK NEAR PEKISKO - STATION NO 05BL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1208	1.61 B	0.556	0.188	0.034	0.087	0.118	0.056	0.115E	---	1
2	---	---	0.1288	1.46 B	0.557	0.168	0.043	0.043	0.111	0.046	0.110E	---	2
3	---	---	0.3268	1.51	0.508	0.148	0.039	0.036	0.121	0.048	0.107A	---	3
4	---	---	0.7388	1.48	0.436	0.112	0.043	0.048	0.115	0.049	---	---	4
5	---	---	0.7588	1.28	0.407	0.106	0.041	0.084	0.120	0.061	---	---	5
6	---	---	0.6008	1.08	0.482	0.103	0.087	0.014	0.150	0.055	---	---	6
7	---	---	0.5728	0.844	0.456	0.071	0.034	0.018	0.149	0.059	---	---	7
8	---	---	0.2488	0.851	0.450	0.061	0.039	0.015	0.148	0.056	---	---	8
9	---	---	0.3028	0.520	0.463	0.048	0.033	0.061	0.142	0.060	---	---	9
10	---	---	0.3688	0.397	0.438	0.065	0.042	0.106	0.126	0.070E	---	---	10
11	---	---	0.3508	0.398	0.387	0.030	0.095	0.208	0.114	0.068E	---	---	11
12	---	---	0.4008	0.390	0.404	0.018	0.087	0.438	0.104	0.068E	---	---	12
13	---	---	0.6588	0.385	0.420	0.013	0.090	0.385	0.106	0.084E	---	---	13
14	---	---	0.4888	0.342	0.451	0.012	0.048	0.427	0.103	0.082E	---	---	14
15	---	---	0.5278	0.325	0.407	0.003	0.027	0.848	0.102	0.078E	---	---	15
16	---	---	0.3748	0.381	0.372	0.084	0.023	0.713	0.098	0.080E	---	---	16
17	---	---	0.3378	0.384	0.363	0.083	0.021	0.501	0.085	0.120E	---	---	17
18	---	0.1788	0.2948	0.432	0.365	0.035	0.088	0.407	0.094	0.158E	---	---	18
19	---	0.1858	0.2818	0.507	0.330	0.050	0.848	0.324	0.092	0.130E	---	---	19
20	---	0.1588	0.3008	0.510	0.305	0.076	1.88	0.280	0.088	0.100E	---	---	20
21	---	0.1288	0.2888	0.545	0.319	0.052	0.748	0.212	0.078	0.090E	---	---	21
22	---	0.1148	0.2208	0.826	0.322	0.088	0.448	0.178	0.074	0.110E	---	---	22
23	---	0.0848	0.1818	0.845	0.318	0.015	0.318	0.158	0.073	0.130E	---	---	23
24	---	0.0788	0.1138	0.563	0.291	0.021	0.213	0.141	0.038	0.110E	---	---	24
25	---	0.1088	0.0828	0.803	0.318	0.033	0.148	0.144	0.018	0.100E	---	---	25
26	---	0.0788	0.2008	0.447	0.278	0.017	0.102	0.147	0.038	0.110E	---	---	26
27	---	0.0858	0.1508	0.417	0.267	0.048	0.078	0.148	0.080	0.120E	---	---	27
28	---	0.1278	0.2038	0.614	0.274	0.058	0.082	0.184	0.070	0.110E	---	---	28
29	---		0.2228	0.413	0.251	0.073	0.040	0.145	0.078	0.100E	---	---	29
30	---		0.2148	0.478	0.261	0.083	0.052	0.128	0.071	0.088E	---	---	30
31	---		0.4318		0.264		0.057	0.123		0.108E	---	---	31
TOTAL	---	---	10.824	18.805	11.628	1.811	5.677	5.880	2.907	2.882	---	---	TOTAL
MEAN	---	---	0.343	0.884	0.361	0.084	0.177	0.215	0.087	0.048	---	---	MEAN
MAX	---	---	0.800	1.51	0.557	0.188	1.88	0.848	0.180	0.158	---	---	MAX
MIN	---	---	0.082	0.325	0.251	0.003	0.021	0.014	0.018	0.048	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.252
MAXIMUM DAILY, 1.88 ON JUL 20
MINIMUM DAILY, 0.003 ON JUN 15
MAXIMUM INSTANTANEOUS,
2.51 AT 00:48 MST ON JUL 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 25 50 N
LONG 114 08 55 W
DRAINAGE AREA, 283 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	473
FEB	---	AUG	575
MAR	916	SEP	251
APR	1 880	OCT	230
MAY	1 020	NOV	---
JUN	185	DEC	---

TOTAL DISCHARGE, 5 320 dam³

STIRLING LAKE OUTFLOW NEAR STIRLING - STATION NO. 05AF025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0808	0.214	0.183	1.31	2.01	0.953	0.108	0.761	0.630	---	1
2	---	---	0.0808	0.214	0.138	1.11	1.98	1.15 A	0.122	0.726	0.820	---	2
3	---	---	0.1008	0.208	0.131	1.01	1.80	1.18	0.083	0.838	0.843	---	3
4	---	---	0.1308	0.190	0.088	1.00	1.18	1.23	0.048	0.904	0.818A	---	4
5	---	---	0.1708	0.182	0.088	0.851	1.83	1.18	0.038	0.944	---	---	5
6	---	---	0.1808	0.138	0.078	0.778	2.21	1.18	0.153	0.908	---	---	6
7	---	---	0.1808	0.114	0.068	0.678	1.28	1.08	0.313	0.784	---	---	7
8	---	---	0.1308	0.109	0.058	0.788	1.41	1.18	0.481	0.670	---	---	8
9	---	---	0.1138	0.087	0.182	0.851	1.80	1.38	0.462	0.738A	---	---	9
10	---	---	0.1008	0.078	0.382	1.18	2.14	1.34	0.458	0.896	---	---	10
11	---	---	0.1058	0.087	0.844	1.38	2.21	1.40	0.487	0.828	---	---	11
12	---	---	0.1108	0.101	1.23	1.28	2.24	1.84	0.430	0.584	---	---	12
13	---	---	0.1188	0.101	1.16	1.32	2.85	1.28	0.416	0.526	---	---	13
14	---	---	0.1208	0.088	0.803	2.07	1.86	1.38	0.412	0.885	---	---	14
15	---	---	0.1228	0.121	0.871	2.89	2.08	1.18	0.358	0.852	---	---	15
16	---	---	0.1258	0.103	0.784	2.00	1.98	0.783	0.348	0.588	---	---	16
17	---	---	0.147	0.128	0.803	1.98	1.84	0.550	0.438	0.820A	---	---	17
18	---	---	0.158	0.135	1.18	1.89	3.22	0.383	0.527	1.08	---	---	18
19	---	---	0.117	0.104	1.18	3.21	5.02	0.329	0.884	1.19	---	---	19
20	---	---	0.148	0.087	1.52	3.90	3.82	0.329	0.710	1.08	---	---	20
21	---	---	0.182	0.071	1.27	3.88	1.87	0.288	0.797	0.977	---	---	21
22	---	---	0.191	0.088	1.21	1.88	1.40	0.208	1.08	0.874	---	---	22
23	---	---	0.178	0.210	1.24	0.875	1.37	0.173	0.827	0.923	---	---	23
24	---	---	0.147	0.224	1.48	0.881	0.853	0.888	0.788	0.838	---	---	24
25	---	0.0238	0.134	0.211	1.57	0.312	0.528	1.14	0.883	0.758	---	---	25
26	---	0.0208	0.1108	0.187	1.48	0.787	0.509	0.518	0.880	0.883	---	---	26
27	---	0.0228	0.0858	0.184	2.83	1.70	0.803	0.228	1.04	0.884	---	---	27
28	---	0.0388	0.0608	0.200	2.80	2.38	0.812	0.143	1.08	0.843	---	---	28
29	---		0.0758	0.188	1.80	2.10	0.514	0.128	0.841	0.822	---	---	29
30	---		0.081	0.173	1.31	1.85	0.857	0.118	0.827	0.826	---	---	30
31	---		0.188		1.38		0.734	0.107		0.830			31
TOTAL	---	---	3.820	4.290	28.282	47.300	53.388	24.774	18.388	24.348	---	---	TOTAL
MEAN	---	---	0.128	0.143	0.845	1.58	1.72	0.799	0.548	0.785	---	---	MEAN
MAX	---	---	0.192	0.224	2.83	3.90	5.02	1.84	1.08	1.18	---	---	MAX
MIN	---	---	0.080	0.088	0.088	0.312	0.503	0.107	0.035	0.528	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.831
MAXIMUM DAILY, 5.02 ON JUL 19
MINIMUM DAILY, 0.035 ON SEP 5
MAXIMUM INSTANTANEOUS,
5.32 AT 18:00 MST ON JUL 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 50 N
LONG 112 30 28 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 610
FEB	---	AUG	2 140
MAR	339	SEP	1 410
APR	371	OCT	2 100
MAY	2 530	NOV	---
JUN	4 080	DEC	---

TOTAL DISCHARGE, 17 800 dam³

STONY CREEK NEAR TAWATINAW - STATION NO 07BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0358	0.0408	0.086	0.218	0.017	0.058	0.033	0.013	0.015	---	1
2	---	---	0.0358	0.1208	0.065	0.185	0.013	0.038	0.029	0.017	0.015A	---	2
3	---	---	0.0358	0.2108	0.118	0.187	0.012	0.028	0.328	0.016	---	---	3
4	---	---	0.0358	0.2908	0.095	0.154	0.011	0.018	0.205	0.022	---	---	4
5	---	---	0.0358	0.3808	0.082	0.120	0.010	0.038	0.158	0.024	---	---	5
6	---	---	0.0358	0.5008	0.148	0.115	0.016	0.051	0.128	0.022	---	---	6
7	---	---	0.0358	0.6408	0.133	0.130	0.011	0.028	0.074	0.023	---	---	7
8	---	---	0.0358	0.6978	0.090	0.181	0.012	0.010	0.046	0.021	---	---	8
9	---	---	0.0358	0.7818	0.068	0.129	0.014	0.008	0.041	0.031	---	---	9
10	---	---	0.0358	0.8958	0.081	0.150	0.009	0.017	0.037	0.019	---	---	10
11	---	---	0.0358	0.8858	0.093	0.139	0.008	0.035	0.029	0.033	---	---	11
12	---	---	0.0358	0.7418	0.104	0.083	0.005	0.030	0.021	0.020	---	---	12
13	---	---	0.0358	0.7278	0.068	0.071	0.004	0.021	0.018	0.014	---	---	13
14	---	---	0.0358	0.8258	0.067	0.050	0.003	0.014	0.015	0.040	---	---	14
15	---	---	0.0358	0.8878	0.048	0.038	0.002	0.012	0.014	0.043	---	---	15
16	---	---	0.0358	0.8138	0.038	0.033	0.004	0.014	0.013	0.038	---	---	16
17	---	---	0.0358	0.4958	0.030	0.034	0.004	0.007	0.013	0.028	---	---	17
18	---	---	0.0358	0.267	0.034	0.032	0.002	0.008	0.012	0.021	---	---	18
19	---	---	0.0358	0.172	0.191	0.027	0.021	0.005	0.013	0.019	---	---	19
20	---	---	0.0358	0.089	0.268	0.028	0.078	0.025	0.013	0.021	---	---	20
21	---	---	0.0358	0.047	0.282	0.028	0.071	0.068	0.013	0.024	---	---	21
22	---	---	0.0358	0.031	0.123	0.033	0.018	0.040	0.011	0.023	---	---	22
23	---	0.0358	0.0358	0.068	0.108	0.022	0.008	0.023	0.012	0.022	---	---	23
24	---	0.0358	0.0358	0.037	0.182	0.014	0.005	0.012	0.012	0.022	---	---	24
25	---	0.0358	0.0358	0.030	0.140	0.011	0.003	0.018	0.011	0.020	---	---	25
26	---	0.0358	0.0358	0.031	0.114	0.010	0.002	0.021	0.014	0.018	---	---	26
27	---	0.0358	0.0358	0.030	0.085	0.011	0.002	0.010	0.013	0.017	---	---	27
28	---	0.0388	0.0358	0.034	0.070	0.011	0.001	0.048	0.011	0.017	---	---	28
29	---		0.0358	0.043	0.128	0.011	0.001	0.084	0.016	0.017	---	---	29
30	---		0.0358	0.182	0.194	0.020	0.010	0.088	0.010	0.018	---	---	30
31	---		0.0358		0.208		0.088	0.043		0.013		---	31
TOTAL	---	---	1.085	10.138	3.848	2.310	0.442	0.884	1.388	0.881	---	---	TOTAL
MEAN	---	---	0.035	0.338	0.114	0.074	0.014	0.028	0.048	0.022	---	---	MEAN
MAX	---	---	0.035	0.888	0.282	0.218	0.078	0.084	0.328	0.043	---	---	MAX
MIN	---	---	0.035	0.030	0.030	0.010	0.001	0.005	0.010	0.013	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 0.8958 ON APR 10
MINIMUM DAILY, 0.001 ON JUL 28
MAXIMUM INSTANTANEOUS,
3.308 AT 11:08 MST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 35 N
LONG 113 27 45 W
DRAINAGE AREA, 126 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.2
FEB	---	AUG	77.2
MAR	83.7	SEP	117
APR	875	OCT	88.7
MAY	386	NOV	---
JUN	191	DEC	---

TOTAL DISCHARGE, 1 780 dam³

STRAWBERRY CREEK NEAR THE MOUTH - STATION NO. 08DP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0668	10.4 B	0.411	0.288	0.195	0.338	0.302	0.087	0.088	---	1
2	---	---	0.0618	8.34 B	0.408	0.339	0.189	0.571	0.195	0.078	0.087	---	2
3	---	---	0.0678	7.20 B	0.348	0.173	0.144	1.04	0.272	0.072	0.088	---	3
4	---	---	0.0728	8.61 B	0.881	0.131	0.131	1.20	0.274	0.087	0.081A	---	4
5	---	---	0.0718	8.16 B	0.828	0.136	0.152	1.98	0.288	0.062	---	---	5
6	---	---	0.0715	4.28 B	0.828	0.156	0.178	1.87	0.209	0.063	---	---	6
7	---	---	0.0718	3.98 B	0.567	0.178	0.174	0.882	0.304	0.074	---	---	7
8	---	---	0.0688	3.86 B	0.466	0.138	0.160	0.348	0.253	0.081	---	---	8
9	---	---	0.0698	3.45 B	0.389	0.139	0.232	0.183	0.214	0.074	---	---	9
10	---	---	0.0728	3.27 B	0.298	0.181	0.338	0.147	0.178	0.089	---	---	10
11	---	---	0.0748	2.20 B	0.230	0.373	0.282	0.144	0.214	0.070	---	---	11
12	---	---	0.0768	2.01 B	0.202	0.463	0.263	0.678	0.248	0.088	---	---	12
13	---	---	0.0778	2.09 B	0.248	0.728	0.242	0.747	0.117	0.085	---	---	13
14	---	---	0.0748	1.85 B	0.236	0.539	0.202	0.818	0.118	0.088	---	---	14
15	---	---	0.0858	1.37 B	0.816	0.309	0.187	0.315	0.137	0.070	---	---	15
16	---	---	0.0678	1.20 B	0.467	0.284	0.158	0.213	0.092	0.071	---	---	16
17	---	---	0.0988	1.00 B	0.328	0.233	0.183	0.210	0.087	0.071	---	---	17
18	---	---	0.2158	0.8548	0.222	0.220	0.173	0.188	0.087	0.070	---	---	18
19	---	---	0.2378	0.8318	0.308	0.210	0.158	0.131	0.068	0.088	---	---	19
20	---	---	0.1478	0.8898	0.408	0.208	0.144	0.148	0.103	0.088	---	---	20
21	---	---	0.1468	0.804	0.882	0.281	0.161	0.221	0.072	0.088	---	---	21
22	---	---	0.1348	0.374	2.28	1.20	0.171	0.488	0.079	0.089	---	---	22
23	---	0.0708	0.1178	0.288	2.35	0.633	0.180	0.595	0.078	0.089	---	---	23
24	---	0.0708	0.1138	0.284	2.01	0.585	0.157	0.732	0.068	0.080	---	---	24
25	---	0.0698	0.1668	0.314	1.88	0.388	0.152	0.599	0.065	0.078	---	---	25
26	---	0.0648	1.67 B	0.388	1.08	0.220	0.144	0.425	0.068	0.075	---	---	26
27	---	0.0678	1.78 B	0.448	0.776	0.218	0.158	0.388	0.088	0.078	---	---	27
28	---	0.0738	1.04 B	0.808	0.548	0.228	0.132	0.318	0.078	0.082	---	---	28
29	---		0.7268	0.770	0.371	0.178	0.128	0.333	0.085	0.087	---	---	29
30	---		0.5178	0.881	0.322	0.184	0.107	0.272	0.080	0.084	---	---	30
31	---		0.7B B		0.285		0.180	0.257		0.091		---	31
TOTAL	---	---	17.072	76.676	20.822	8.827	5.508	15.888	4.413	2.315	---	---	TOTAL
MEAN	---	---	0.551	2.56	0.675	0.318	0.178	0.512	0.147	0.075	---	---	MEAN
MAX	---	---	8.78	10.4	2.33	1.20	0.328	1.87	0.304	0.087	---	---	MAX
MIN	---	---	0.061	0.264	0.202	0.121	0.107	0.131	0.065	0.062	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.822
MAXIMUM DAILY, 10.48 ON APR 1
MINIMUM DAILY, 0.0618 ON MAR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 41 N
LONG 114 03 02 W
DRAINAGE AREA, 584 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	678
FEB	---	AUG	1 370
MAR	1 480	SEP	381
APR	5 820	OCT	200
MAY	1 810	NOV	---
JUN	823	DEC	---

TOTAL DISCHARGE, 13 200 dam³

STREYTON CREEK NEAR NARWAYNE - STATION NO 05EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0 B	0.065	0.002	0	0	0	0.001	---	---	1
2	---	---	0	0 B	0.174	0.001	0	0	0	0.001	---	---	2
3	---	---	0	0 B	0.185	0.001	0	0	0.883	0.001	---	---	3
4	---	---	0	0.0018	0.168	0	0	0	0.573	0.001	---	---	4
5	---	---	0	0.0658	0.130	0	0	0.001	0.188	0.001	---	---	5
6	---	---	0	0.8208	0.102	0	0	0	0.127	0.001	---	---	6
7	---	---	0	3.14 B	0.085	0	0	0	0.084	0.001	---	---	7
8	---	---	0	1.72	0.080	0	0	0	0.032	0.002	---	---	8
9	---	---	0	1.28	0.043	0	0	0	0.018	0.002	---	---	9
10	---	---	0	0.886	0.032	0	0.001	0	0.009	0.001	---	---	10
11	---	---	0	0.828	0.027	0	0.001	0	0.008	0.001	---	---	11
12	---	---	0	0.766	0.026	0	0	0.002	0.006	0.001	---	---	12
13	---	---	0	0.837	0.026	0	0	0.002	0.005	0.001	---	---	13
14	---	---	0	0.867	0.019	0	0	0.001	0.004	0.001	---	---	14
15	---	---	0	0.857	0.038	0	0	0	0.003	0.002	---	---	15
16	---	---	0	0.674	0.057	0	0	0	0.002	0.001	---	---	16
17	---	---	0	0.766	0.028	0	0	0	0.002	0.002	---	---	17
18	---	---	0	0.811	0.022	0	0	0	0.002	0.002	---	---	18
19	---	---	0	0.488	0.023	0	0	0	0.001	0.001	---	---	19
20	---	---	0	0.344	0.026	0	0	0.001	0.001	0.001	---	---	20
21	---	---	0	0.248	0.045	0	0	0.001	0.001	0.001	---	---	21
22	---	---	0	0.208	0.021	0	0	0	0.001	0.001	---	---	22
23	---	---	0	0.137	0.014	0	0	0	0.001	0.001	---	---	23
24	---	---	0	0.103	0.010	0	0	0	0.001	0.001	---	---	24
25	---	---	0	0.081	0.008	0	0	0	0.001	0.001	---	---	25
26	---	---	0	0.081	0.004	0	0	0.001	0.001	0.001	---	---	26
27	---	---	0	0.070	0.003	0	0	0.001	0.001	0.001	---	---	27
28	---	---	0	0.059	0.002	0	0	0.001	0.001	0.001	---	---	28
29	---		0	0.062	0.002	0	0	0	0.001	0.001A	---	---	29
30	---		0	0.047	0.002	0	0	0	0.001	0.001E	---	---	30
31	---		0		0.001		0	0		0.001E	---	---	31
TOTAL	---	---	0	15.378	1.432	0.004	0.002	0.012	1.732	0.036	---	---	TOTAL
MEAN	---	---	0	0.513	0.048	0	0	0	0.058	0.001	---	---	MEAN
MAX	---	---	0	2.14	0.174	0.002	0.001	0.002	0.883	0.002	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 2.140 ON APR 7
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.810 AT 10:00 MST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 13 N
LONG 110 18 31 W
DRAINAGE AREA, 83.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.17
FEB	---	AUG	1.04
MAR	0	SEP	150
APR	1 330	OCT	3.11
MAY	124	NOV	---
JUN	0.36	DEC	---

TOTAL DISCHARGE, 1 810 dam³

STURGEON LAKE AT WILLIAMSON PARK - STATION NO. 07GH003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	876.785	876.736	876.734	876.783	876.732	---	---	1
2	---	---	---	---	---	876.787	876.736	876.734	876.787	876.732	---	---	2
3	---	---	---	---	---	876.787	876.736	876.788	876.783	876.732	---	---	3
4	---	---	---	---	---	876.787	876.736	876.788	876.783	876.732	---	---	4
5	---	---	---	---	876.844	876.786	876.736	876.784	876.783	876.732	---	---	5
6	---	---	---	---	876.843	876.786	876.735	876.785	876.783	876.727	---	---	6
7	---	---	---	876.817	876.843	876.787	876.735	876.734	876.783	876.722	---	---	7
8	---	---	---	---	876.843	876.787	876.735	876.734	876.783	876.707	---	---	8
9	---	---	---	---	876.843	876.788	876.735	876.771	876.783	876.707	---	---	9
10	---	---	---	---	876.842	876.788	876.736	876.784	876.783	876.702	---	---	10
11	---	---	---	---	876.827	876.784	876.710	876.784	876.783	876.702	---	---	11
12	---	---	---	---	876.824	876.784	876.710	876.784	876.783	876.688	---	---	12
13	---	---	---	---	876.832	876.784	876.710	876.784	876.783	876.687	---	---	13
14	---	---	---	876.857	876.831	876.785	876.710	876.784	876.780	876.687	---	---	14
15	---	---	---	---	876.831	876.788	876.672	876.784	876.788	876.687	---	---	15
16	---	---	---	---	876.821	876.776	876.685	876.784	876.788	876.687	---	---	16
17	---	---	---	---	876.818	876.781	876.685	876.784	876.788	876.681	---	---	17
18	---	---	---	---	876.815	876.736	876.685	876.784	876.783	876.681	---	---	18
19	---	876.740	876.770	---	876.815	876.736	876.685	876.784	876.780	876.681	---	---	19
20	---	---	---	---	876.815	876.736	876.685	876.788	876.781	876.681	---	---	20
21	---	---	---	---	876.814	876.741	876.673	876.808	876.742	876.678	---	---	21
22	---	---	---	---	876.814	876.738	876.680	876.808	876.740	876.678	---	---	22
23	---	---	---	---	876.814	876.738	876.680	876.808	876.732	876.678	---	---	23
24	---	---	---	---	876.814	876.743	876.680	876.808	876.732	876.673	---	---	24
25	---	---	---	---	876.813	---	876.680	876.808	876.732	876.671	---	---	25
26	---	---	---	---	876.812	---	876.680	876.783	876.732	876.671	---	---	26
27	---	---	---	876.857	876.802	---	876.680	876.783	876.732	876.671	---	---	27
28	---	---	---	---	876.787	876.736	876.686	876.783	876.732	876.671	---	---	28
29	---		---	---	876.782	876.736	876.686	876.783	876.732	876.674	---	---	29
30	---		---	---	876.786	876.736	876.686	876.783	876.732	---	---	---	30
31	---		---		876.788		876.687	876.783		---		---	31
MEAN	---	---	---	---	---	---	876.698	876.778	876.781	---	---	---	MEAN
MAX	---	---	---	---	---	---	876.736	876.808	876.787	---	---	---	MAX
MIN	---	---	---	---	---	---	876.680	876.734	876.732	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 05 00 N
LONG 117 33 30 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 842 km²

STURGEON RIVER NEAR FORT SASKATCHEWAN - STATION NO 05EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.12 B	2.838	8.87	3.60	0.446	1.52	0.980	1.40	---	---	1
2	---	---	1.11 B	3.248	8.44	3.66	0.388	1.37	0.833	1.38	---	---	2
3	---	---	1.10 B	7.258	8.20	4.03	0.388	1.42	1.84	1.40	---	---	3
4	---	---	1.08 B	10.0 B	8.08	3.32	0.382	0.884	5.17	1.43	---	---	4
5	---	---	1.08 B	10.7 B	7.81	2.72	0.468	0.988	4.35	1.80	---	---	5
6	---	---	0.8978	10.0 B	7.20	2.44	0.378	1.89	2.67	1.43	---	---	6
7	---	---	0.8928	8.748	6.86	2.26	0.370	1.82	1.88	1.38	---	---	7
8	---	---	0.7818	8.788	6.48	2.22	0.387	1.17	1.65	1.34	---	---	8
9	---	---	0.8728	12.6 B	6.10	1.81	0.457	0.804	1.73	1.30	---	---	9
10	---	---	0.8868	16.8 B	5.81	1.79	0.423	0.858	1.80	1.32	---	---	10
11	---	---	0.8858	10.6 B	5.56	1.87	0.384	0.827	1.67	1.28	---	---	11
12	---	---	0.8908	13.7 B	5.12	1.80	0.338	0.883	1.55	1.25	---	---	12
13	---	---	1.18 B	16.7 B	4.74	1.80	0.344	0.847	1.51	1.28	---	---	13
14	---	---	1.18 B	18.6 B	4.63	1.40	0.338	0.888	1.46	1.28	---	---	14
15	---	---	1.15 B	18.6	4.33	1.18	0.284	0.862	1.41	1.26	---	---	15
16	---	---	1.17 B	15.8	4.05	1.08	0.260	0.867	1.42	1.26	---	---	16
17	---	---	1.13 B	15.6	3.80	0.997	0.322	0.886	1.47	1.21	---	---	17
18	---	---	1.21 B	15.3	3.68	1.01	0.292	0.827	1.34	1.19	---	---	18
19	---	---	1.31 B	14.8	4.31	0.941	0.277	0.828	1.38	1.18	---	---	19
20	---	---	1.46 B	14.5	4.23	0.838	0.278	0.840	1.41	1.23	---	---	20
21	---	---	1.40 B	14.2	4.71	0.776	0.287	0.858	1.33	1.18	---	---	21
22	---	---	1.27 B	13.8	4.80	0.770	0.274	0.842	1.24	1.16	---	---	22
23	---	---	1.28 B	13.5	4.58	0.852	0.276	0.884	1.46	1.13	---	---	23
24	---	---	1.11 B	13.1	4.36	0.828	0.286	0.892	1.50	1.13	---	---	24
25	---	1.358	1.69 B	12.7	4.13	0.894	0.298	0.820	1.67	1.16	---	---	25
26	---	1.288	2.12 B	12.4	3.94	0.878	0.313	0.823	1.48	1.10	---	---	26
27	---	1.258	1.24 B	12.0	3.86	0.885	0.310	0.841	1.38	1.09	---	---	27
28	---	1.188	0.8868	11.3	3.63	0.824	0.288	0.876	1.78	1.11	---	---	28
29	---		1.31 B	10.2	3.78	0.478	0.278	0.824	1.48	1.16A	---	---	29
30	---		1.65 B	8.80	4.46	0.832	0.300	0.818	1.43	1.15E	---	---	30
31	---		1.90 B		3.87		0.803	1.34		1.15E		---	31
TOTAL	---	---	38.780	387.34	164.09	48.850	10.725	29.091	52.533	38.82	---	---	TOTAL
MEAN	---	---	1.19	12.2	5.29	1.57	0.346	0.938	1.75	1.26	---	---	MEAN
MAX	---	---	2.12	18.6	8.87	4.03	0.803	1.88	5.17	1.80	---	---	MAX
MIN	---	---	0.868	2.83	3.63	0.478	0.274	0.847	0.833	1.09	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.05
MAXIMUM DAILY, 18.68 ON APR 14
MINIMUM DAILY, 0.274 ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 47 14 N
LONG 113 13 23 W
DRAINAGE AREA, 3 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	927
FEB	---	AUG	2 510
MAR	3 180	SEP	4 540
APR	31 700	OCT	3 380
MAY	14 200	NOV	---
JUN	4 080	DEC	---

TOTAL DISCHARGE, 84 600 dam³

STURGEON RIVER NEAR MAGNOLIA BRIDGE - STATION NO. 05EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	1.82 B	0.088	0.127	0.061	1.24	0.083	0.068	0.035	---	1
2	---	---	0.0138	1.87 B	0.200	0.118	0.048	1.33	0.078	0.024	0.031	---	2
3	---	---	0.0118	1.81 B	0.228	0.088	0.044	1.14	0.088	0.024	0.031A	---	3
4	---	---	0.0118	1.88 B	0.167	0.044	0.038	1.08	0.087	0.033	---	---	4
5	---	---	0.0108	1.84 B	0.148	0.088	0.033	3.83	0.188	0.033	---	---	5
6	---	---	0.0108	1.18 B	0.178	0.048	0.033	5.51	0.083	0.034	---	---	6
7	---	---	0.0118	1.02 B	0.083	0.047	0.031	3.52	0.034	0.038	---	---	7
8	---	---	0.0108	0.7288	0.088	0.038	0.031	1.44	0.024	0.042	---	---	8
9	---	---	0.0118	0.5548	0.080	0.037	0.031	0.888	0.028	0.038	---	---	9
10	---	---	0.0108	0.4088	0.050	0.035	0.033	0.811	0.027	0.041	---	---	10
11	---	---	0.0108	0.341	0.087	0.087	0.028	0.706	0.027	0.044	---	---	11
12	---	---	0.0108	0.284	0.084	0.049	0.026	0.787	0.024	0.045	---	---	12
13	---	---	0.0108	0.248	0.188	0.041	0.025	0.593	0.021	0.048	---	---	13
14	---	---	0.0108	0.223	0.188	0.035	0.014	0.488	0.023	0.049	---	---	14
15	---	---	0.0108	0.208	0.284	0.027	0.011	0.408	0.018	0.049	---	---	15
16	---	---	0.0108	0.183	0.217	0.023	0.058	0.350	0.015	0.052	---	---	16
17	---	---	0.0128	0.180	0.142	0.022	0.108	0.313	0.014	0.042	---	---	17
18	---	---	0.0128	0.147	0.108	0.019	0.038	0.280	0.021	0.048	---	---	18
19	---	---	0.0128	0.138	0.188	0.014	0.032	0.228	0.014	0.045	---	---	19
20	---	---	0.0148	0.128	0.233	0.017	0.027	0.200	0.013	0.048	---	---	20
21	---	---	0.0148	0.127	0.307	0.032	0.015	0.208	0.008	0.049	---	---	21
22	---	---	0.0188	0.118	0.413	0.048	0.020	0.208	0.005	0.051	---	---	22
23	---	---	0.0188	0.088	0.240	0.040	0.015	0.180	0.007	0.097	---	---	23
24	---	---	0.0238	0.101	0.213	0.043	0.009	0.124	0.004	0.110	---	---	24
25	---	0.0178	0.0388	0.127	0.198	0.038	0.002	0.104	0.003	0.108	---	---	25
26	---	0.0178	0.0828	0.118	0.221	0.041	0.008	0.073	0.001	0.095	---	---	26
27	---	0.0178	0.1048	0.078	0.224	0.042	0.008	0.090	0.001	0.082	---	---	27
28	---	0.0188	0.1548	0.088	0.258	0.037	0.002	0.114	0.001	0.112	---	---	28
29	---		0.1178	0.071	0.228	0.045	0.001	0.147	0.004	0.208	---	---	29
30	---		0.3788	0.108	0.178	0.058	0.085	0.141	0.002	0.131	---	---	30
31	---		1.10 B		0.137		0.281	0.105		0.043		---	31
TOTAL	---	---	2.284	15.448	5.536	1.383	1.133	25.811	0.838	1.874	---	---	TOTAL
MEAN	---	---	0.073	0.515	0.179	0.046	0.037	0.828	0.028	0.060	---	---	MEAN
MAX	---	---	1.10	1.88	0.413	0.127	0.251	5.51	0.188	0.205	---	---	MAX
MIN	---	---	0.010	0.088	0.080	0.014	0.001	0.073	0.001	0.008	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.221
MAXIMUM DAILY, 5.51 ON AUG 6
MINIMUM DAILY, 0.001 ON JUL 28
MAXIMUM INSTANTANEOUS,
7.28 AT 01:38 MST ON AUG 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 29 N
LONG 114 51 35 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	97.9
FEB	---	AUG	2 210
MAR	188	SEP	72.4
APR	1 330	OCT	182
MAY	478	NOV	---
JUN	119	DEC	---

TOTAL DISCHARGE, 4 870 dam³

STURGEON RIVER NEAR VILLENEUVE - STATION NO 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.498	1.02 B	0.8428	2.808	2.10	2.05	0.118E	1.38	0.795	0.240E	0.2408	0.1808	1
2	1.498	1.00 B	0.8528	5.348	2.15	1.88	0.100E	1.88	1.34	0.213E	0.2288	0.1888	2
3	1.498	0.8878	0.8858	11.1 B	2.24	1.85	0.085E	1.60	1.83	0.190E	0.2258	0.1588	3
4	1.498	0.8728	0.8608	12.2 B	2.22	1.89	0.070E	1.88	2.44	0.160E	0.2228	0.1588	4
5	1.498	0.8508	0.8658	10.5 B	2.12	1.88	0.058E	2.44	2.84	0.140E	0.2178	0.1578	5
6	1.498	0.8408	0.8708	23.1 B	2.07	1.81	0.048E	3.07	2.01	0.125E	0.2158	0.1588	6
7	1.498	0.8308	0.8458	21.5 B	1.98	1.40	0.039E	2.89	1.45	0.115E	0.2138	0.1538	7
8	1.488	0.8208	0.8908	18.3 A	1.88	1.34	0.038E	2.88	1.12	0.108	0.2118	0.1508	8
9	1.488	0.8108	0.8008	16.8	1.78	1.30	0.038E	2.38	1.05 E	0.105E	0.2098	0.1458	9
10	1.488	0.8008	0.8088	16.3	1.83	1.34	0.039E	2.11	1.04 E	0.102E	0.2078	0.1408	10
11	1.488	0.8908	0.8188	15.3	1.88	1.19	0.042E	1.87	1.03 E	0.100E	0.2048	0.1308	11
12	1.488	0.8808	0.8258	13.5	1.88	1.08	0.047E	1.88	1.05 E	0.098E	0.2028	0.1258	12
13	1.488	0.8758	0.8408	11.3	1.89	0.938	0.053	1.84	1.10 E	0.098E	0.2018	0.1108	13
14	1.488	0.8708	0.8508	9.84	1.91	0.857	0.060E	1.39	1.22	0.098E	0.1948	0.1058	14
15	1.448	0.8658	0.8628	7.72	1.98	0.807	0.070E	1.27	1.38	0.100E	0.1958	0.0958	15
16	1.428	0.8608	0.8758	6.24	1.92	0.748	0.080E	1.20	1.48	0.101E	0.1908	0.0808	16
17	1.388	0.8558	0.8808	5.31	1.78	0.627	0.080E	1.18	1.81	0.102E	0.1858	0.0408	17
18	1.368	0.8508	1.01 B	4.78	1.91	0.558	0.105E	1.16	1.57	0.103E	0.1838	0.0508	18
19	1.338	0.8458	1.02 B	4.18	2.17	0.538	0.120E	1.11	1.44	0.104E	0.1808	0.0708	19
20	1.328	0.8408	1.04 B	3.74	2.11	0.444	0.140E	1.18	1.44	0.105E	0.1788	0.0788	20
21	1.288	0.8388	1.06 B	3.47	2.18	0.381	0.155E	1.25	1.40	0.108E	0.1758	0.0708	21
22	1.288	0.8368	1.07 B	3.17	2.22	0.298	0.178E	1.75	1.41	0.125E	0.1728	0.0858	22
23	1.238	0.8368	1.08 B	3.03	2.26	0.283	0.200E	1.74	1.47	0.132E	0.1708	0.0808	23
24	1.208	0.8388	1.11 B	2.78	2.38	0.258E	0.212E	1.28	1.58	0.140E	0.1888	0.0588	24
25	1.178	0.8388	1.12 B	2.69	2.58	0.232E	0.230E	1.07	1.89	0.150E	0.1678	0.0508	25
26	1.188	0.8388	1.14 B	2.58	2.57	0.213E	0.250E	0.918	2.08	0.180E	0.1858	0.0488	26
27	1.138	0.8388	0.8908	2.44	2.50	0.188E	0.278E	0.758	1.38	0.178E	0.1628	0.0438	27
28	1.108	0.8408	1.04 B	2.34	2.42	0.180E	0.300E	0.713	0.354	0.190E	0.1818	0.0408	28
29	1.088		1.05 B	2.23	2.42	0.150E	0.340E	0.708	0.300E	0.203E	0.1808	0.0358	29
30	1.068		1.08 B	2.20	2.35	0.148E	0.400E	0.814	0.270E	0.215E	0.1808	0.0328	30
31	1.038		1.88 B		2.20		0.867	0.748		0.223E		0.0308	31
TOTAL	41.74	24.888	31.210	358.02	65.63	28.253	4.848	47.258	40.848	4.330	5.783	2.824	TOTAL
MEAN	1.35	0.888	1.01	8.50	2.12	0.875	0.147	1.52	1.35	0.140	0.182	0.084	MEAN
MAX	1.49	1.02	1.88	23.1	2.58	2.05	0.867	3.07	2.84	0.240	0.240	0.180	MAX
MIN	1.03	0.838	0.842	2.20	1.78	0.148	0.038	0.708	0.270	0.098	0.180	0.030	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 23.18 ON APR 6
MINIMUM DAILY, 0.0308 ON DEC 31

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 18 N
LONG 113 45 42 W
DRAINAGE AREA, 1 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 810	JUL	383
FEB	2 180	AUG	4 080
MAR	2 700	SEP	3 810
APR	22 300	OCT	374
MAY	6 880	NOV	488
JUN	2 270	DEC	253

TOTAL DISCHARGE, 47 800 dam³

SUNDANCE CREEK NEAR BICKERDIKE - STATION NO. 07AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3808	0.3218	0.418	0.486	0.364	0.848	0.571	0.218	---	---	1
2	---	---	0.3708	0.3838	0.484	0.414	0.315	1.83	0.571	0.219	---	---	2
3	---	---	0.3748	0.4818	0.474	0.347	0.370	2.01	0.880	0.218	---	---	3
4	---	---	0.3738	0.4438	0.470	0.327	0.334	1.78	0.674	0.215	---	---	4
5	---	---	0.3738	0.8508	0.892	0.388	0.298	1.72	0.674	0.218	---	---	5
6	---	---	0.3688	0.9478	0.809	0.383	0.281	1.80	0.618	0.227	---	---	6
7	---	---	0.3688	0.9108	0.578	0.373	0.300	1.38	0.474	0.223	---	---	7
8	---	---	0.3658	0.8708	0.648	0.348	0.282	1.24	0.413	0.221	---	---	8
9	---	---	0.3618	0.8308	0.490	0.310	0.267	1.18	0.384	0.221	---	---	9
10	---	---	0.3568	0.8008	0.483	0.284	0.254	1.13	0.382	0.217	---	---	10
11	---	---	0.3518	0.7688	0.487	0.271	0.228	1.02	0.342	0.214	---	---	11
12	---	---	0.3488	0.7308	0.832	0.234	0.208	0.940	0.320	0.218	---	---	12
13	---	---	0.3488	0.7108	0.628	0.201	0.178	0.880	0.308	0.213	---	---	13
14	---	---	0.3488	0.7008	0.653	0.201	0.148	0.734	0.281	0.205	---	---	14
15	---	---	0.3498	0.6938	0.803	0.181	0.122	0.827	0.330	0.198	---	---	15
16	---	---	0.3488	0.8828	0.817	0.210	0.124	0.486	0.313	0.192	---	---	16
17	---	---	0.3488	0.8718	0.878	0.303	0.161	0.427	0.287	0.188	---	---	17
18	---	---	0.3548	0.8178	0.884	0.320	0.168	0.383	0.267	0.183	---	---	18
19	---	---	0.3598	0.8078	0.882	0.387	0.188	0.338	0.238	0.177	---	---	19
20	---	---	0.3618	0.5358	0.774	0.263	0.181	0.328	0.222	0.173	---	---	20
21	---	---	0.3608	0.5488	0.835	0.183	0.138	0.344	0.210	0.170	---	---	21
22	---	---	0.3628	0.4888	0.810	0.188	0.121	0.407	0.208	0.165	---	---	22
23	---	---	0.3598	0.3868	0.777	0.241	0.147	0.427	0.207	0.154	---	---	23
24	---	---	0.3578	0.358	0.764	0.272	0.136	0.440	0.218	0.148	---	---	24
25	---	---	0.3608	0.374	0.888	0.342	0.122	0.485	0.209	0.188	---	---	25
26	---	---	0.3598	0.381	0.873	0.358	0.126	0.503	0.215	0.188	---	---	26
27	---	---	0.3518	0.321	0.801	0.385	0.139	0.508	0.228	0.172A	---	---	27
28	---	---	0.3518	0.325	0.565	0.424	0.120	0.620	0.219	0.172E	---	---	28
29	---		0.3628	0.339	0.811	0.383	0.089	0.738	0.222	0.170E	---	---	29
30	---		0.3638	0.377	0.598	0.374	0.104	0.704	0.219	0.169E	---	---	30
31	---		0.3068		0.562		0.176	0.880		0.168E		---	31
TOTAL	---	---	8.090	17.586	18.895	9.280	6.173	26.456	10.243	5.976	---	---	TOTAL
MEAN	---	---	0.261	0.586	0.803	0.309	0 199	0.853	0.341	0.193	---	---	MEAN
MAX	---	---	0.308	0.847	0.835	0.486	0.370	2.01	0.674	0.227	---	---	MAX
MIN	---	---	0.248	0.321	0.418	0.181	0.088	0.328	0.207	0.148	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.418
MAXIMUM DAILY, 2.01 ON AUG 3
MINIMUM DAILY, 0.088 ON JUL 28
MAXIMUM INSTANTANEOUS,
2.08 AT 18:48 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 58 N
LONG 116 42 12 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	533
FEB	---	AUG	2 290
MAR	698	SEP	885
APR	1 520	OCT	516
MAY	1 620	NOV	---
JUN	800	DEC	---

TOTAL DISCHARGE, 8 880 dam³

SUNWAPTA RIVER AT ATHABASCA GLACIER - STATION NO. 07AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.0858	0.950	5.18	3.58	4.86	1.89	---	---	1
2	---	---	---	---	0.0808	0.847	5.28	2.37	4.31	1.81	---	---	2
3	---	---	---	---	0.0758	0.944	5.97	3.76	3.33	2.07	---	---	3
4	---	---	---	---	0.0858	1.27	5.10	4.98	3.04	1.48	---	---	4
5	---	---	---	---	0.110A	2.48	4.45	4.55	2.87	0.984	---	---	5
6	---	---	---	---	0.363	3.58	3.58	4.17	2.75	0.732	---	---	6
7	---	---	---	---	0.444	3.26	4.19	4.70	1.88	0.693	---	---	7
8	---	---	---	---	0.842	3.60	4.47	5.00	1.95	0.585	---	---	8
9	---	---	---	---	0.612	4.54	2.80	5.20	2.97	0.425	---	---	9
10	---	---	---	---	0.728	4.27	2.20	4.88	2.88	0.343	---	---	10
11	---	---	---	---	0.897	3.62	2.67	2.48	2.85	0.330	---	---	11
12	---	---	---	---	1.29	6.70	3.78	1.96	3.36	0.330	---	---	12
13	---	---	---	---	1.11	8.41	5.07	1.57	3.11	0.270	---	---	13
14	---	---	---	---	0.918	5.07	5.86	1.48	3.34	0.233	---	---	14
15	---	---	---	---	0.769	6.08	5.62	1.50	3.12	0.214	---	---	15
16	---	---	---	---	0.897	4.31	3.42	1.60	1.26	0.201	---	---	16
17	---	---	---	---	0.846	3.27	2.56	1.48	0.919	0.178	---	---	17
18	---	---	---	---	0.830	3.37	2.26	1.52	0.797	0.165	---	---	18
19	---	---	---	---	0.508	3.37	2.30	1.52	0.870	0.162	---	---	19
20	---	---	---	---	0.414	4.23	2.88	1.84	1.32	0.180	---	---	20
21	---	---	---	---	0.382	5.71	3.86	1.96	2.01	0.148	---	---	21
22	---	---	---	---	0.297	3.30	4.41	1.80	2.18	0.108A	---	---	22
23	---	---	---	---	0.272	1.78	5.32	1.88	2.83	0.112	---	---	23
24	---	---	---	---	0.282	1.78	5.01	2.04	2.34	0.121	---	---	24
25	---	---	---	---	0.400	2.74	5.68	2.20	2.07	0.125	---	---	25
26	---	---	---	---	0.807	4.04	5.49	2.84	2.27	0.117	---	---	26
27	---	---	---	---	0.721	5.07	7.48	3.12	1.34	0.112A	---	---	27
28	---	---	---	---	0.774	5.58	8.23	3.88	1.03	0.110E	---	---	28
29	---		---	---	0.887	5.38	8.88	3.28	1.21	0.111E	---	---	29
30	---		---	---	0.880	5.39	8.29	2.77	1.65	0.112E	---	---	30
31	---		---		1.04		7.83	4.20		0.114E		---	31
TOTAL	---	---	---	---	18.054	115.961	162.49	89.93	76.176	14.326	---	---	TOTAL
MEAN	---	---	---	---	0.582	3.87	5.24	2.90	2.34	0.462	---	---	MEAN
MAX	---	---	---	---	1.29	8.41	8.88	5.20	4.86	2.07	---	---	MAX
MIN	---	---	---	---	0.080	0.847	2.20	1.48	0.797	0.108	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.55
MAXIMUM DAILY, 8.88 ON JUL 28
MINIMUM DAILY, 0.0808 ON MAY 2
MAXIMUM INSTANTANEOUS,
12.9 AT 18:20 MST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 00 N
LONG 117 13 57 W
DRAINAGE AREA, 29.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 000
FEB	---	AUG	7 770
MAR	---	SEP	8 080
APR	---	OCT	1 240
MAY	1 880	NOV	---
JUN	10 000	DEC	---

TOTAL DISCHARGE, 40 800 dam³

SWAN RIVER NEAR KINUSO - STATION NO. 07BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.078	1.08 B	1.07 B	4.858	34.9	38.7	3.28	84.7	8.77	3.84	3.87	1.83 B	1
2	1.838	1.08 B	1.02 B	8.898	44.4	20.8	3.01	71.9	8.18	3.81	3.85	1.83 B	2
3	1.838	1.08 B	1.01 B	8.418	57.1	43.7	3.80	57.9	22.1	3.86	3.33	1.80 B	3
4	1.888	1.03 B	0.9928	8.838	44.7	33.9	5.47	42.8	30.8	3.85	3.12	1.47 B	4
5	1.888	0.9928	0.9888	8.838	34.2	23.8	3.86	31.8	20.4	8.48	2.82	1.37 B	5
6	1.858	1.00 B	1.02 B	21.1 B	28.4	20.3	3.16	24.8	15.2	7.35	2.84	1.33 B	6
7	1.868	1.02 B	1.05 B	28.3 B	24.8	20.4	2.73	18.9	12.7	8.14	3.01	1.36 B	7
8	1.408	1.05 B	1.08 B	30.7 B	22.3	16.8	3.26	15.0	10.8	8.80	2.82	1.27 B	8
9	1.158	1.08 B	1.08 B	35.8 B	21.0	13.9	7.81	12.8	9.72	5.45	2.82	1.19 B	9
10	1.078	1.10 B	1.15 B	38.3 B	20.1	16.8	12.5	14.8	11.8	4.85	2.98	1.10 B	10
11	1.028	1.12 B	1.16 B	44.8 B	17.9	21.3	9.41	58.8	11.3	4.43	2.89	0.8928	11
12	1.058	1.27 B	1.01 B	31.7 B	18.6	15.7	6.80	83.1	9.37	4.41	2.84	0.9048	12
13	1.378	1.40 B	0.8728	27.3 B	15.7	12.8	5.88	41.1	8.48	4.43	2.36 B	0.8188	13
14	1.488	1.45 B	0.8568	34.0 B	14.3	10.4	5.03	28.4	12.8	4.31	1.86 B	0.7828	14
15	1.408	1.48 B	0.8568	38.2 B	13.3	9.04	4.09	22.7	12.8	4.02	0.8788	0.7848	15
16	1.318	1.57 B	0.8988	38.8	13.2	8.00	3.48	18.3	11.8	3.72	1.50 B	0.7528	16
17	1.188	1.66 B	0.9208	33.5	12.3	7.18	4.88	16.5	11.2	3.67	1.51 B	0.7288	17
18	1.208	1.84 B	0.9388	27.8	11.4	8.40	13.4	20.5	9.58	3.80	1.56 B	0.6988	18
19	1.358	1.62 B	0.9288	23.1	14.8	5.83	10.4	18.3	8.38	3.52	1.61 B	0.7048	19
20	1.478	1.58 B	0.9448	19.0	21.2	5.05	8.12	16.3	7.48	3.33	1.57 B	0.7488	20
21	1.488	1.52 B	0.8908	16.3	18.7	4.70	7.78	21.4	8.88	3.32	1.52 B	0.7848	21
22	1.648	1.47 B	1.02 B	16.3	15.8	4.82	8.62	27.8	8.30	3.58	1.48 B	0.7828	22
23	1.688	1.37 B	1.08 B	17.5	15.0	4.88	8.71	21.0	5.78	3.58	1.52 B	0.7588	23
24	1.888	1.38 B	1.16 B	17.3	14.9	4.40	8.74	16.8	5.40	3.42	1.85 B	0.7768	24
25	1.708	1.31 B	1.22 B	16.2	14.8	4.18	4.74	13.8	5.03	3.28	1.88 B	0.8088	25
26	1.678	1.23 B	1.22 B	19.2	13.5	4.84	4.83	12.0	4.82	3.32	1.87 B	0.8328	26
27	1.648	1.22 B	1.18 B	16.4	12.0	3.89	7.18	10.4	4.58	3.44	1.81 B	0.7848	27
28	1.548	1.11 B	1.25 B	21.5	10.8	3.80	7.80	9.37	4.31	3.28	1.58 B	0.7588	28
29	1.348		1.28 B	27.8	10.7	3.40	14.5	8.88	4.08	3.28	1.54 B	0.7528	29
30	1.308		1.32 B	33.8	16.8	3.48	12.1	9.85	3.80	3.42	1.51 B	0.8868	30
31	1.208		1.45 B		17.8		24.7	10.2		3.53		0.8448	31
TOTAL	46.78	35.832	33.388	715.80	645.1	378.71	224.15	842.81	303.85	130.28	85.848	28.772	TOTAL
MEAN	1.48	1.28	1.08	23.9	20.8	12.6	7.23	27.2	10.1	4.20	2.19	0.880	MEAN
MAX	2.07	1.66	1.85	44.8	57.1	43.7	24.7	84.7	30.5	8.44	3.87	1.53	MAX
MIN	1.02	0.992	0.888	4.85	10.7	3.40	2.73	5.89	3.80	3.28	0.978	0.844	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 84.7 ON AUG 1
MINIMUM DAILY, 0.8448 ON DEC 31
MAXIMUM INSTANTANEOUS,
125 AT 15:00 MST ON AUG 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 00 N
LONG 115 24 30 W
DRAINAGE AREA, 1 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 880	JUL	19 400
FEB	3 100	AUG	72 800
MAR	2 880	SEP	26 300
APR	61 800	OCT	11 300
MAY	55 700	NOV	5 670
JUN	32 700	DEC	2 570

TOTAL DISCHARGE, 298 000 dam³

SWAN RIVER NEAR SWAN HILLS - STATION NO. 07BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---											
2	---	---	0.1458	0.2458	5.35	2.99	0.588	10.9	1.87	0.820	0.5788	---	1
3	---	---	0.1478	0.2958	8.23	4.03	0.508	8.48	2.37	0.791	0.5908	---	2
4	---	---	0.1498	0.3608	5.08	5.03	0.433	5.28	4.70	1.18	0.5488	---	3
5	---	---	0.1518	0.4558	3.67	3.35	0.415	4.24	3.49	2.58	0.4188	---	4
			0.1538	0.5908	2.96	2.67	0.382	3.59	2.73	1.99	---	---	5
6	---	---											
7	---	---	0.1548	0.7808	2.53	2.57	0.393	3.03	2.24	1.52	---	---	6
8	---	---	0.1558	1.05 B	2.23	2.29	0.400	2.48	1.98	1.40	---	---	7
9	---	---	0.1568	1.55 B	2.10	1.93	1.31	2.10	1.78	1.28	---	---	8
10	---	---	0.1578	2.00 B	1.95	1.62	1.43	2.01	2.42	1.13	---	---	9
			0.1588	1.85 B	1.78	2.53	1.24	3.44	3.48	1.08	---	---	10
11	---	---											
12	---	---	0.1598	1.34 B	1.62	2.12	0.884	4.38	2.00	1.06	---	---	11
13	---	---	0.1608	1.32 B	1.54	1.78	0.705	3.88	1.74	1.03	---	---	12
14	---	---	0.1628	1.75 B	1.37	1.48	0.615	3.08	2.86	0.958	---	---	13
15	---	---	0.1648	3.24 B	1.24	1.31	0.487	2.89	2.80	0.8688	---	---	14
			0.1658	3.33 B	1.31	1.18	0.371	2.28	2.72	0.8088	---	---	15
16	---	---											
17	---	---	0.1688	1.88 B	1.38	1.08	0.742	2.11	2.78	0.8488	---	---	16
18	---	---	0.1728	1.71 B	1.20	0.972	1.81	2.51	2.26	0.7728	---	---	17
19	---	---	0.1768	1.24 B	1.13	0.836	1.53	2.74	1.82	0.7278	---	---	18
20	---	---	0.1788	0.8388	1.88	0.743	1.15	2.38	1.74	0.6758	---	---	19
			0.1808	0.8208	1.78	0.727	1.35	2.91	1.57	0.8768	---	---	20
21	---	---											
22	---	---	0.1838	1.10 B	1.58	0.784	1.25	4.88	1.43	0.7228	---	---	21
23	---	---	0.1878	1.35 B	1.37	0.911	1.05	3.67	1.31	0.8258	---	---	22
24	---	---	0.1908	1.50 B	1.37	0.786	0.908	2.88	1.22	0.8518	---	---	23
25	---	---	0.1948	1.70	1.47	1.08	0.775	2.32	1.12	0.8748	---	---	24
			0.1978	1.88	1.31	1.05	0.722	2.02	1.08	0.8828	---	---	25
26	---	---											
27	---	---	0.2018	2.01	1.18	0.770	1.48	1.87	1.04	0.8278	---	---	26
28	---	---	0.2028	2.18	1.08	0.672	1.28	1.75	0.987	0.8808	---	---	27
29	---	---	0.2088	3.09	0.980	0.817	1.88	1.84	0.928	0.8408	---	---	28
30	---		0.2118	4.08	2.35	0.711	2.00	2.04	0.882	0.8488	---	---	29
31	---		0.2178	4.83	2.84	0.827	5.12	2.19	0.852	0.8848	---	---	30
			0.2248		3.91		8.88	1.88		0.8748	---	---	31
TOTAL	---	---	5.421	50.214	57.260	49.587	41.833	89.88	58.750	28.827	---	---	TOTAL
MEAN	---	---	0.175	1.67	2.17	1.88	1.34	3.21	1.88	0.930	---	---	MEAN
MAX	---	---	0.224	4.83	8.23	5.03	8.58	10.8	4.70	2.58	---	---	MAX
MIN	---	---	0.145	0.245	0.980	0.827	0.371	1.75	0.852	0.527	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 10.8 ON AUG 1
MINIMUM DAILY, 0.1458 ON MAR 1
MAXIMUM INSTANTANEOUS,
31.8 AT 22:53 MST ON JUL 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 08 N
LONG 115 28 12 W
DRAINAGE AREA, 158 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 800
FEB	---	AUG	8 800
MAR	488	SEP	5 080
APR	4 340	OCT	2 490
MAY	5 810	NOV	---
JUN	4 280	DEC	---

TOTAL DISCHARGE, 34 700 dam³

SWIFTCURRENT CREEK AT SHERBURNE - STATION NO. 05AE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.011S	8.20	0.047	19.5	12.2	7.85	20.3	2.10	---	---	1
2	---	---	0.011S	7.88	0.040	18.0	13.1	6.86	20.5	2.10	---	---	2
3	---	---	0.014S	7.68	0.035	11.0	13.1	5.80	20.4	2.10	---	---	3
4	---	---	3.28 S	7.80	0.032	9.10	13.0	7.08	20.2	2.07	---	---	4
5	---	---	5.36 S	7.88	0.031	9.83	12.5	11.2	20.0	2.07	---	---	5
6	---	---	5.36 S	8.18	0.030	11.2	8.03	13.8	19.6	2.07	---	---	6
7	---	---	7.83 S	8.50	0.028	13.3	3.89	14.3	18.3	2.07	---	---	7
8	---	---	11.0 S	9.13	0.027	15.0	5.07	14.3	11.6	2.07	---	---	8
9	---	---	14.6	9.45	0.032	14.8	9.08	14.2	4.83	2.07	---	---	9
10	---	---	18.3	10.5	0.039	14.8	10.4	14.8	2.12	2.07	---	---	10
11	---	---	18.1	11.0	0.030	13.8	10.4	15.4	2.12	1.98	---	---	11
12	---	---	16.8	11.0	0.027	11.5	10.4	15.3	2.12	1.98	---	---	12
13	---	---	15.0	8.38	0.028	8.81	12.0	16.0	2.12	1.98	---	---	13
14	---	---	13.7	5.04	0.025	6.07	12.9	15.7	2.12	1.98	---	---	14
15	---	---	13.1	3.09	0.024	7.83	14.3	15.2	2.12	0.793	---	---	15
16	---	---	12.9	2.73	0.024	10.9	14.3	15.9	2.12	0.051	---	---	16
17	---	---	12.9	1.05	0.024	12.0	13.0	17.0	2.12	0.009	---	---	17
18	---	---	12.7	0.054	0.024	12.1	12.6	17.4	2.10	0.008	---	---	18
19	---	---	13.3	2.46	0.021	11.9	12.6	17.4	2.10	0.008	---	---	19
20	---	---	12.5	3.89	0.021	12.0	13.3	17.3	2.10	0.008	---	---	20
21	---	---	10.8	2.88	0.022	11.2	13.7	17.2	2.10	0.004	---	---	21
22	---	---	10.3	0.748	0.021	10.1	7.87	17.1	2.10	0.003	---	---	22
23	---	---	10.2	0.037	0.020	7.78	1.28	17.0	2.10	0.003	---	---	23
24	---	---	8.96	0.038	0.020	5.84	1.27	16.5	2.10	0.003	---	---	24
25	---	---	8.12	0.039	0.021	5.24	1.27	20.1	2.10	0.002	---	---	25
26	---	---	8.07	0.039	0.027	3.58	1.27	20.5	2.10	0.002	---	---	26
27	---	---	8.03	2.65	0.038	2.63	2.08	20.4	2.10	0.001	---	---	27
28	---	---	8.50	2.74	0.030	4.38	2.81	20.2	2.10	0.001	---	---	28
29	---		8.97	0.064	0.026	5.54	5.16	20.0	2.10	0.001	---	---	29
30	---		8.80	0.052	0.027	8.76	8.77	19.9	2.10	0.001E	---	---	30
31	---		8.84		8.77		7.07	19.7		0.001E		---	31
TOTAL	---	---	301.878	142.241	8.810	305.75	273.93	483.61	200.09	29.809	---	---	TOTAL
MEAN	---	---	9.74	4.74	0.310	10.2	8.84	15.5	6.67	0.955	---	---	MEAN
MAX	---	---	18.3	11.0	8.77	19.5	14.3	20.5	20.5	2.10	---	---	MAX
MIN	---	---	0.011	0.037	0.020	2.63	1.27	5.80	2.10	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.13
MAXIMUM DAILY, 20.5 ON AUG 26
MINIMUM DAILY, 0.001 ON OCT 27
MAXIMUM INSTANTANEOUS,
20.9 AT 09:50 MST ON SEP 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG 113 30 59 W
DRAINAGE AREA, 188 km²

S - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23 700
FEB	---	AUG	41 800
MAR	26 100	SEP	17 300
APR	12 300	OCT	2 680
MAY	830	NOV	---
JUN	26 400	DEC	---

TOTAL DISCHARGE, 151 000 dam³

SYLVAN LAKE AT SYLVAN LAKE - STATION NO. 05CC003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	936.787	936.745	936.690	936.578	---	---	---	---	1
2	---	---	---	---	936.771	---	---	---	---	---	936.473	---	2
3	---	---	---	---	936.760	936.678	---	---	936.627	936.572	---	---	3
4	---	---	936.824	---	936.755	936.673	936.672	---	936.632	---	---	---	4
5	---	---	---	---	936.741	936.687	---	936.656	936.629	936.565	---	---	5
6	---	---	---	---	---	936.673	936.682	936.648	936.626	---	---	---	6
7	---	---	---	936.893	936.725	936.670	936.686	936.646	936.628	936.568	---	---	7
8	---	---	---	---	---	---	---	936.642	---	936.571	---	---	8
9	---	---	---	---	---	---	---	---	---	936.567	---	---	9
10	---	---	---	---	---	936.680	936.671	---	---	---	---	---	10
11	---	---	---	---	---	936.686	936.668	936.638	936.627	936.568	---	---	11
12	---	---	---	---	---	---	---	---	936.631	936.552	---	---	12
13	---	---	---	---	936.735	936.678	---	936.631	---	---	---	---	13
14	---	---	---	---	936.740	936.690	936.678	936.634	---	---	---	---	14
15	---	---	---	---	936.739	---	936.668	936.635	936.612	936.558	---	---	15
16	---	---	---	---	936.735	---	936.657	---	---	936.545	---	---	16
17	---	---	---	---	936.745	936.687	936.651	936.689	936.609	---	---	---	17
18	---	---	---	---	936.737	936.684	---	---	936.597	936.538	---	---	18
19	---	---	---	---	---	---	---	936.629	936.585	---	---	---	19
20	---	---	---	---	---	936.680	936.656	---	936.593	936.530	---	---	20
21	---	---	---	---	936.713	936.676	---	936.633	936.582	---	---	---	21
22	---	---	---	---	---	---	---	936.637	---	936.522	---	---	22
23	---	---	---	---	936.717	936.683	936.684	936.640	---	---	---	---	23
24	---	---	936.654	---	936.715	---	936.659	936.632	936.580	936.520	---	---	24
25	---	---	---	---	936.712	---	936.681	---	936.587	---	---	---	25
26	---	---	---	---	---	936.684	936.628	---	---	---	---	---	26
27	---	---	---	---	---	936.681	936.666	936.617	936.580	---	---	---	27
28	---	---	---	---	936.702	---	---	936.637	936.580	936.508	---	---	28
29	---		---	---	936.705	936.684	---	936.630	936.578	936.510	---	---	29
30	---		---	---	936.703	936.678	936.656	936.625	---	936.510	---	---	30
31	---		---		936.711		936.651	---		936.509		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 18 44 N
LONG 114 08 08 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
151 km²

TEEPEE CREEK NEAR LA CRETE - STATION NO. 07JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.573	0.226	0.023	0.141	0.032	0.057	---	---	1
2	---	---	0B	0 B	0.642	0.267	0.014	0.761	0.027	0.051	---	---	2
3	---	---	0B	0 B	0.502	0.471	0.048	1.06	0.028	0.049	---	---	3
4	---	---	0B	0 B	0.461	0.269	0.470	0.606	0.085	0.054	---	---	4
5	---	---	0B	0 B	0.410	0.224	0.285	0.780	0.084	0.056	---	---	5
6	---	---	0B	0 B	0.405	0.234	0.067	0.886	0.018	0.048	---	---	6
7	---	---	0B	0 B	0.417	0.289	0.053	1.02	0.009	0.056	---	---	7
8	---	---	0B	0 B	0.418	0.353	0.023	1.46	0.005	0.048	---	---	8
9	---	---	0B	0 B	0.448	0.340	0.005	1.34	0.005	0.059	---	---	9
10	---	---	0B	0.0028	0.405	0.382	0.008	1.04	0.018	0.078	---	---	10
11	---	---	0B	0.0048	0.432	0.488	0.003	0.794	0.020	0.093	---	---	11
12	---	---	0B	0.1498	0.494	0.843	0	0.838	0.014	0.108	---	---	12
13	---	---	0B	0.3848	0.490	0.423	0	0.518	0.012	0.114	---	---	13
14	---	---	0B	1.31 B	0.500	0.318	0	0.451	0.010	0.108	---	---	14
15	---	---	0B	3.44 B	0.481	0.246	0.001	0.360	0.014	0.148	---	---	15
16	---	---	0B	20.8	0.494	0.191	0.005	0.287	0.023	0.121	---	---	16
17	---	---	0B	11.6	0.581	0.132	0.002	0.361	0.140	0.088	---	---	17
18	---	0B	0B	4.36	0.486	0.108	0.048	0.272	0.112	0.104	---	---	18
19	---	0B	0B	2.56	0.444	0.087	0.117	0.232	0.080	0.129	---	---	19
20	---	0B	0B	2.31	0.420	0.084	0.039	0.380	0.073	0.112	---	---	20
21	---	0B	0B	2.40	0.388	0.088	0.018	0.218	0.044	0.112	---	---	21
22	---	0B	0B	2.11	0.388	0.085	0.011	0.104	0.043	0.102	---	---	22
23	---	0B	0B	1.78	0.361	0.106	0.010	0.170	0.052	0.084	---	---	23
24	---	0B	0B	1.80	0.304	0.082	0.008	0.251	0.051	0.100	---	---	24
25	---	0B	0B	1.37	0.288	0.127	0.002	0.074	0.068	0.140	---	---	25
26	---	0B	0B	1.07	0.288	0.084	0.002	0.068	0.080	0.118	---	---	26
27	---	0B	0B	0.901	0.242	0.083	0.001	0.087	0.050	0.084	---	---	27
28	---	0B	0B	0.821	0.228	0.063	0.001	0.063	0.050	0.100A	---	---	28
29	---		0B	0.712	0.171	0.033	0	0.108	0.057	0.110E	---	---	29
30	---		0B	0.833	0.148	0.018	0	0.073	0.065	0.105E	---	---	30
31	---		0B		0.234		0	0.068		0.100E		---	31
TOTAL	---	---	0	59.996	13.403	8.833	1.277	14.738	1.284	2.873	---	---	TOTAL
MEAN	---	---	0	2.00	0.400	0.217	0.041	0.475	0.043	0.093	---	---	MEAN
MAX	---	---	0	20.8	0.842	0.843	0.470	1.46	0.140	0.148	---	---	MAX
MIN	---	---	0	0	0.148	0.018	0	0.068	0.005	0.049	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.485
MAXIMUM DAILY, 20.8 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
23.4 AT 00:30 MST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 08 16 N
LONG 118 14 55 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	110
FEB	---	AUG	1 270
MAR	0	SEP	112
APR	5 160	OCT	248
MAY	1 070	NOV	---
JUN	584	DEC	---

TOTAL DISCHARGE 8 550 dam³

THREEHILLS CREEK BELOW RAY CREEK - STATION NO. 05CE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.07 B	0.182	0.024	0.001E	0 E	0.001E	0	0.001E	---	1
2	---	---	0 B	5.23 B	0.267	0.025E	0.001E	0 E	0.001E	0	0.001	---	2
3	---	---	0 B	5.99 B	0.287	0.028E	0.001	0 E	0.040E	0.001E	---	---	3
4	---	---	0.1008	4.15 B	0.338	0.025E	0.001	0 E	0.090E	0.001	---	---	4
5	---	---	0.0508	2.29	0.433	0.026E	0.001E	0.001E	0.100E	0 E	---	---	5
6	---	---	0.0188	1.27	0.278	0.025E	0.001E	0.001E	0.090E	0	---	---	6
7	---	---	0.0208	0.852	0.187	0.025E	0.008E	0.002E	0.050E	0 E	---	---	7
8	---	---	0.0708	1.05	0.118	0.025E	0.010E	0.002E	0.050E	0 E	---	---	8
9	---	---	0.1108	0.820	0.084	0.025E	0.010E	0.002E	0.040E	0 E	---	---	9
10	---	---	0.1488	0.782	0.068	0.030E	0.010E	0.003E	0.035E	0 E	---	---	10
11	---	---	0.1258	0.758	0.084	0.037	0.010E	0.003E	0.030E	0 E	---	---	11
12	---	---	0.1018	0.577	0.085	0.028	0.010E	0.005E	0.040E	0.001	---	---	12
13	---	---	0.0778	0.493	0.077E	0.018	0.010E	0.010E	0.040E	0.001	---	---	13
14	---	---	0.0538	0.482	0.068	0.029	0.010E	0.023E	0.020E	0.001E	---	---	14
15	---	---	0.0308	0.439	0.062	0.024	0.010E	0.027E	0.005E	0.001E	---	---	15
16	---	---	0.0188	0.408	0.044E	0.094	0.005E	0.032E	0.003E	0	---	---	16
17	---	---	0.0038	0.444	0.038	0.013	0.004E	0.042E	0.003E	0 E	---	---	17
18	---	---	0.0038	0.448	0.032	0.005	0.007E	0.050E	0.003E	0 E	---	---	18
19	---	---	0.0038	0.453	0.030E	0.005E	0.018E	0.038E	0.003E	0 E	---	---	19
20	---	---	0.0038	0.381	0.030E	0.007E	0.035E	0.033E	0.003E	0 E	---	---	20
21	---	---	0.0038	0.388	0.037E	0.008	0.040E	0.028E	0.002E	0.001E	---	---	21
22	---	---	0.0038	0.435	0.043E	0.007E	0.040E	0.032E	0.002E	0.001E	---	---	22
23	---	---	0.0038	0.510	0.050E	0.005E	0.080E	0.018E	0.001E	0.001E	---	---	23
24	---	---	0.0038	0.333	0.047E	0.005	0.080E	0.018E	0.001E	0.001E	---	---	24
25	---	---	0.0038	0.340	0.043E	0.003E	0.070E	0.012E	0.001E	0.001E	---	---	25
26	---	---	0.0038	0.240	0.043E	0.002E	0.040E	0.010E	0.001E	0.001E	---	---	26
27	---	---	0.0038	0.209	0.055E	0.001E	0.009	0.008E	0.001E	0.001E	---	---	27
28	---	---	0.0308	0.172	0.083E	0.001E	0.008E	0.007E	0	0.001E	---	---	28
29	---		0.0708	0.188	0.080E	0.001	0.003E	0.003E	0	0.001E	---	---	29
30	---		0.1208	0.193	0.045E	0.001E	0.003E	0.002E	0	0.001E	---	---	30
31	---		0.2188		0.029		0.001E	0.001		0.001E	---	---	31
TOTAL	---	---	1.388	34.083	3.193	0.546	0.521	0.400	0.586	0.017	---	---	TOTAL
MEAN	---	---	0.045	1.14	0.103	0.018	0.017	0.013	0.023	0.001	---	---	MEAN
MAX	---	---	0.218	5.23	0.433	0.094	0.080	0.050	0.100	0.001	---	---	MAX
MIN	---	---	0	0.172	0.029	0.001	0.001	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.107
MAXIMUM DAILY, 5.23B ON APR 2
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 58 10 N
LONG 113 34 04 W
DRAINAGE AREA, 137 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	48.0
FEB	---	AUG	34.8
MAR	130	SEP	58.3
APR	2 940	OCT	1.47
MAY	276	NOV	---
JUN	47.3	DEC	---

TOTAL DISCHARGE, 3 530 dam³

THREEHILLS CREEK NEAR CARBON - STATION NO. 05CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.38 B	0.439	0.090	0.004	0.015	0.003	0.001	0.028	---	1
2	---	---	0 B	5.67 B	0.480	0.065	0.001	0.009	0.001	0.001	0.021A	---	2
3	---	---	0 B	5.52 B	0.440	0.058	0.001	0.005	0.000	0.001	---	---	3
4	---	---	0 B	8.31 B	0.402	0.058	0.028	0.003	0.038	0.001	---	---	4
5	---	---	0 B	10.8 B	0.386	0.042	0.048	0.007	0.028	0.001	---	---	5
6	---	---	0 B	14.0	0.381	0.030	0.033	0.004	0.017	0.001	---	---	6
7	---	---	0 B	13.1	0.402	0.025	0.072	0.001	0.008	0.001	---	---	7
8	---	---	0 B	8.69	0.370	0.024	0.084	0.001	0.005	0.001	---	---	8
9	---	---	0 B	5.94	0.408	0.020	0.070	0.001	0.028	0.001	---	---	9
10	---	---	0 B	3.58	0.401	0.020	0.045	0.002	0.021	0.001	---	---	10
11	---	---	0 B	2.55	0.388	0.017	0.038	0.005	0.022	0.001	---	---	11
12	---	---	0.0108	1.84	0.384	0.011	0.028	0.001	0.017	0.001	---	---	12
13	---	---	0.0408	1.80	0.384	0.007	0.019	0.005	0.014	0.001	---	---	13
14	---	---	0.1208	1.33	0.388	0.004	0.009	0.041	0.018	0.001	---	---	14
15	---	---	0.1108	1.10	0.304	0.002	0.003	0.081	0.014	0.001	---	---	15
16	---	---	0.1088	0.984	0.307	0.011	0.002	0.088	0.018	0.001	---	---	16
17	---	---	0.0988	0.837	0.283	0.014	0.004	0.089	0.010	0.001	---	---	17
18	---	---	0.0798	0.805	0.278	0.012	0.013	0.182	0.007	0.001	---	---	18
19	---	---	0.1128	0.747	0.248	0.031	0.083	0.120	0.002	0.001	---	---	19
20	---	---	0.1488	0.688	0.268	0.033	0.087	0.104	0.001	0.028	---	---	20
21	---	---	0.0778	0.633	0.285	0.028	0.062	0.057	0.001	0.085	---	---	21
22	---	---	0.0878	0.633	0.288	0.020	0.078	0.038	0.001	0.081	---	---	22
23	---	---	0.0658	0.582	0.311	0.021	0.082	0.082	0.001	0.088	---	---	23
24	---	08	0.0428	0.537	0.267	0.018	0.086	0.042	0.001	0.085	---	---	24
25	---	08	0.0368	0.517	0.270	0.010	0.111	0.037	0.001	0.084	---	---	25
26	---	08	0.0408	0.458	0.200	0.007	0.158	0.044	0.001	0.049	---	---	26
27	---	08	0.3208	0.432	0.188	0.005	0.180	0.040	0.001	0.044	---	---	27
28	---	08	0.4508	0.454	0.137	0.005	0.101	0.023	0.001	0.040	---	---	28
29	---		0.4208	0.478	0.114	0.005	0.077	0.030	0.001	0.038	---	---	29
30	---		1.04 B	0.451	0.100	0.008	0.080	0.018	0.001	0.038	---	---	30
31	---		0.8128		0.118		0.029	0.009		0.030		---	31
TOTAL	---	---	4.361	84.702	8.412	0.880	1.801	1.077	0.330	0.884	---	---	TOTAL
MEAN	---	---	0.141	3.18	0.304	0.023	0.052	0.035	0.011	0.018	---	---	MEAN
MAX	---	---	1.08	14.0	0.480	0.090	0.180	0.182	0.050	0.085	---	---	MAX
MIN	---	---	0	0.432	0.100	0.002	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.480
MAXIMUM DAILY, 14.0 ON APR 6
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
15.3 AT 12:45 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 113 04 18 W
DRAINAGE AREA, 1 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	138
FEB	---	AUG	93.1
MAR	377	SEP	28.5
APR	1 180	OCT	47.9
MAY	813	NOV	---
JUN	58.6	DEC	---

TOTAL DISCHARGE, 9 740 dam³

THREEPOINT CREEK NEAR MILLARVILLE - STATION NO. 05BL013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1508	12.1 B	2.55	0.586	0.341	1.20	0.642	0.439	0.282	---	1
2	---	---	0.2508	4.738	2.77	0.511	0.299	1.08	0.606	0.414	0.270	---	2
3	---	---	0.3808	3.488	2.25	0.480	0.304	1.13	1.07	0.382	0.270	---	3
4	---	---	0.8008	3.288	1.98	0.450	0.324	1.08	1.28	0.371	0.278	---	4
5	---	---	0.8008	3.208	1.81	0.413	0.536	0.982	1.11	0.378	0.278A	---	5
6	---	---	1.00 B	3.28	1.67	0.408	0.820	0.908	1.03	0.387	---	---	6
7	---	---	0.8008	2.67	1.58	0.381	0.611	0.805	1.10	0.381	---	---	7
8	---	---	0.5508	2.18	1.62	0.358	0.680	0.723	0.995	0.348	---	---	8
9	---	---	0.3488	1.68	1.48	0.340	0.610	0.711	0.887	0.336	---	---	9
10	---	---	0.4008	1.48	1.38	0.315	0.685	0.817	0.781	0.329	---	---	10
11	---	---	0.4618	1.48	1.34	0.295	0.958	1.67	0.728	0.312	---	---	11
12	---	---	0.4408	1.30	1.28	0.267	0.680	1.41	0.687	0.308	---	---	12
13	---	---	0.4368	1.18	1.32	0.243	0.778	1.50	0.632	0.311	---	---	13
14	---	---	0.4058	1.18	1.28	0.228	0.680	3.10	0.803	0.304	---	---	14
15	---	---	0.6688	1.27	1.15	0.213	0.681	4.70	0.690	0.287	---	---	15
16	---	---	1.12 B	1.34	1.18	0.283	0.676	4.22	0.557	0.302	---	---	16
17	---	0.1258	0.7888	1.48	1.28	0.480	0.605	3.85	0.642	0.308	---	---	17
18	---	0.1258	0.6018	1.86	1.24	0.535	0.748	3.44	0.520	0.318	---	---	18
19	---	0.1218	0.4888	1.68	1.18	0.449	4.10	2.88	0.606	0.301	---	---	19
20	---	0.1238	0.3508	1.78	1.14	0.418	5.24	2.48	0.483	0.301	---	---	20
21	---	0.1278	0.2378	1.88	1.08	0.408	4.03	2.12	0.480	0.283	---	---	21
22	---	0.1158	0.1818	2.08	1.06	0.387	3.33	1.84	0.433	0.289	---	---	22
23	---	0.1158	0.1868	1.82	0.978	0.361	3.11	1.86	0.428	0.286	---	---	23
24	---	0.1108	0.3018	1.58	0.804	0.314	2.68	1.64	0.430	0.274	---	---	24
25	---	0.1088	0.3358	1.52	0.838	0.278	2.58	1.80	0.413	0.282	---	---	25
26	---	0.1008	0.3828	1.48	0.801	0.243	3.83	1.48	0.438	0.288	---	---	26
27	---	0.1058	0.2838	1.48	0.763	0.234	2.48	1.31	0.518	0.285	---	---	27
28	---	0.1108	0.2448	1.70	0.713	0.288	2.03	1.18	0.560	0.284	---	---	28
29	---		0.3838	1.88	0.687	0.363	1.87	1.08	0.518	0.282	---	---	29
30	---		1.28 B	2.08	0.621	0.384	1.47	1.01	0.476	0.286	---	---	30
31	---		8.40 B		0.578		1.34	0.929		0.281		---	31
TOTAL	---	---	33.364	88.91	40.328	10.787	48.364	54.456	20.336	8.986	---	---	TOTAL
MEAN	---	---	0.783	2.33	1.30	0.360	1.58	1.78	0.678	0.323	---	---	MEAN
MAX	---	---	8.40	12.1	2.77	0.586	5.24	4.70	1.28	0.439	---	---	MAX
MIN	---	---	0.150	1.18	0.578	0.213	0.289	0.711	0.413	0.274	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 12.18 ON APR 1
MINIMUM DAILY, 0.150B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 14 N
LONG 114 18 39 W
DRAINAGE AREA, 807 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 280
FEB	---	AUG	4 700
MAR	2 020	SEP	1 780
APR	8 040	OCT	884
MAY	3 480	NOV	---
JUN	933	DEC	---

TOTAL DISCHARGE, 24 100 dam³

TINDASTOLL CREEK NEAR MARKERVILLE - STATION NO. 05CC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.808B	0.114	0.017	0.003	0.004B	0.008	0.007	0.018	---	1
2	---	---	0 B	2.07 B	0.238	0.013	0.002A	0.004B	0.009	0.007	0.018A	---	2
3	---	---	0 B	3.40	0.833	0.009	0.002A	0.004B	0.027	0.008	---	---	3
4	---	---	0 B	2.81	0.403	0.007	0.008	0.019B	0.083	0.042	---	---	4
5	---	---	0 B	2.50	0.282	0.003	0.012	0.030B	0.086	0.018	---	---	5
6	---	---	0 B	1.83	0.231	0.002	0.018	0.029B	0.088	0.007	---	---	6
7	---	---	0 B	1.47	0.218	0.002E	0.020	0.070B	0.058	0.008	---	---	7
8	---	---	0 B	1.21	0.182	0.002E	0.028	0.038B	0.036	0.008	---	---	8
9	---	---	0 B	0.888	0.138	0.002E	0.032	0.037B	0.028	0.010	---	---	9
10	---	---	0 B	0.718	0.123	0.002E	0.022	0.052B	0.019	0.012	---	---	10
11	---	---	0 B	0.491	0.131	0.002E	0.012	0.088B	0.017	0.012	---	---	11
12	---	---	0 B	0.410	0.112	0.002E	0.016	0.084B	0.016	0.012	---	---	12
13	---	---	0 B	0.314	0.385	0.002E	0.011	0.051B	0.011	0.011	---	---	13
14	---	---	0 B	0.267	0.238	0.002E	0.008	0.084B	0.011	0.015	---	---	14
15	---	---	0 B	0.240	0.118	0.002E	0.004	0.048B	0.008	0.028	---	---	15
16	---	---	0 B	0.217	0.093	0.002E	0.004	0.038B	0.007	0.022	---	---	16
17	---	---	0 B	0.192	0.081	0.002E	0.004	0.039B	0.008	0.031	---	---	17
18	---	---	0 B	0.215	0.078	0.002E	0.004	0.034B	0.008	0.011	---	---	18
19	---	---	0 B	0.193	0.077	0.005E	0.007	0.031B	0.007	0.013	---	---	19
20	---	---	0 B	0.231	0.088	0.024	0.008	0.031B	0.007	0.021	---	---	20
21	---	---	0 B	0.372	0.080	0.024	0.008	0.023B	0.007	0.010	---	---	21
22	---	---	0 B	0.448	0.088	0.015	0.017	0.017B	0.108	0.004	---	---	22
23	---	---	0 B	0.313	0.088	0.008	0.025	0.013B	0.022	0.003	---	---	23
24	---	---	0 B	0.301	0.050	0.010	0.020	0.008B	0.005	0.003	---	---	24
25	---	---	0.080B	0.239	0.044	0.007	0.015	0.008B	0.003	0.003	---	---	25
26	---	---	0.087B	0.178	0.037	0.003	0.017	0.006B	0.003	0.003	---	---	26
27	---	---	0.167B	0.184	0.105	0.002E	0.016	0.003B	0.004	0.012	---	---	27
28	---	---	0.276B	0.147	0.048	0.003	0.007	0.002B	0.005	0.050	---	---	28
29	---		0.067B	0.123	0.030	0.002A	0.004	0.004B	0.004	0.030	---	---	29
30	---		0.095B	0.102	0.028	0.002A	0.005	0.005B	0.008	0.018	---	---	30
31	---		0.483B		0.022		0.008	0.007B		0.018		---	31
TOTAL	---	---	1.254	22.970	4.318	0.181	0.380	0.813	0.674	0.454	---	---	TOTAL
MEAN	---	---	0.040	0.765	0.139	0.006	0.012	0.026	0.022	0.015	---	---	MEAN
MAX	---	---	0.483	3.40	0.833	0.024	0.032	0.070	0.108	0.050	---	---	MAX
MIN	---	---	0	0.102	0.022	0.002	0.002	0.002	0.003	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.127
MAXIMUM DAILY, 3.40 ON APR 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.9B AT 05:00 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 52 N
LONG 114 07 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 1
FEB	---	AUG	70.2
MAR	108	SEP	58.2
APR	1 880	OCT	39.2
MAY	373	NOV	---
JUN	15.6	DEC	---

TOTAL DISCHARGE, 2 880 dam³

TODD CREEK AT ELTON'S RANCH - STATION NO. 05AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.334E	0.238	0.170	0.083	0.078	0.100	0.074	0.080	---	1
2	---	---	---	0.347A	0.227	0.187	0.082	0.075	0.089	0.082	0.072	---	2
3	---	---	---	0.351	0.212	0.187	0.058	0.073	0.072	0.058	0.080	---	3
4	---	---	---	0.393	0.228	0.193	0.035	0.104	0.058	0.048	0.080A	---	4
5	---	---	---	0.426	0.236	0.172	0.048	0.089	0.109	0.048	---	---	5
6	---	---	---	0.439	0.245	0.143	0.155	0.147	0.102	0.058	---	---	6
7	---	---	---	0.406	0.240	0.145	0.091	0.118	0.100	0.085	---	---	7
8	---	---	---	0.355	0.240	0.155	0.056	0.088	0.087	0.059	---	---	8
9	---	---	---	0.354	0.257	0.194	0.047	0.170	0.087	0.082	---	---	9
10	---	---	---	0.304	0.237	0.186	0.058	0.100	0.078	0.084	---	---	10
11	---	---	---	0.281	0.240	0.081	0.173	0.188	0.077	0.070	---	---	11
12	---	---	---	0.258	0.248	0.075	0.122	0.210	0.075	0.071	---	---	12
13	---	---	---	0.232	0.298	0.078	0.087	0.188	0.071	0.076	---	---	13
14	---	---	---	0.234	0.367	0.048	0.053	0.408	0.082	0.081	---	---	14
15	---	---	---	0.233	0.281	0.047	0.038	0.894	0.054	0.072	---	---	15
16	---	---	---	0.267	0.254	0.030	0.015	0.294	0.053	0.074	---	---	16
17	---	---	---	0.370	0.284	0.058	0.010	0.218	0.041	0.078	---	---	17
18	---	---	---	0.422	0.284	0.088	0.071	0.188	0.047	0.073	---	---	18
19	---	---	---	0.367	0.248	0.081	0.532	0.183	0.050	0.070	---	---	19
20	---	---	---	0.333	0.283	0.188	0.310	0.128	0.048	0.087	---	---	20
21	---	---	---	0.288	0.274	0.177	0.201	0.103	0.048	0.080	---	---	21
22	---	---	---	0.288	0.305	0.180	0.233	0.283	0.044	0.073	---	---	22
23	---	---	---	0.278	0.307	0.087	0.288	0.125	0.040	0.070	---	---	23
24	---	---	---	0.268	0.291	0.072	0.250	0.188	0.037	0.073	---	---	24
25	---	---	---	0.278	0.282	0.088	0.184	0.288	0.038	0.077	---	---	25
26	---	---	0.282A	0.238	0.288	0.080	0.188	0.240	0.082	0.082	---	---	26
27	---	---	0.268E	0.218	0.280	0.080	0.180	0.182	0.082	0.080	---	---	27
28	---	---	0.278E	0.208	0.248	0.080	0.121	0.134	0.122	0.237	---	---	28
29	---		0.283E	0.220	0.208	0.078	0.100	0.108	0.081	0.104	---	---	29
30	---		0.308E	0.228	0.184	0.073	0.084	0.100	0.088	0.070	---	---	30
31	---		0.320E		0.182		0.082	0.088		0.080		---	31
TOTAL	---	---	---	8.240	7.957	3.336	4.051	5.413	2.111	2.348	---	---	TOTAL
MEAN	---	---	---	0.308	0.257	0.111	0.131	0.175	0.070	0.076	---	---	MEAN
MAX	---	---	---	0.439	0.367	0.188	0.532	0.894	0.122	0.237	---	---	MAX
MIN	---	---	---	0.208	0.182	0.030	0.010	0.073	0.037	0.048	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 0.894 ON AUG 15
MINIMUM DAILY, 0.010 ON JUL 17
MAXIMUM INSTANTANEOUS,
0.972 AT 15:12 MST ON JUL 19

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 27 N
LONG 114 07 37 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	350
FEB	---	AUG	468
MAR	---	SEP	182
APR	788	OCT	203
MAY	687	NOV	---
JUN	288	DEC	---

TOTAL DISCHARGE, 2 880 dam³

TODD CREEK NEAR HIGHWAY NO.22 - STATION NO. 05AA809

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.321	0.233	0.237	0.188	0.104	0.100	0.103	---	---	1
2	---	---	---	0.343	0.321	0.220	0.182	0.083	0.088	0.103	---	---	2
3	---	---	---	0.302	0.233	0.218	0.113	0.148	0.088	0.102	---	---	3
4	---	---	---	0.361	0.245	0.210	0.110	0.141	0.104	0.102	---	---	4
5	---	---	---	0.414	0.262	0.184	0.284	0.128	0.087	0.087	---	---	5
6	---	---	---	0.408	0.250	0.175	0.188	0.128	0.084	0.108	---	---	6
7	---	---	---	0.339	0.283	0.173	0.142	0.124	0.102	0.108	---	---	7
8	---	---	---	0.334	0.244	0.202	0.122	0.278	0.086	0.105	---	---	8
9	---	---	---	0.316	0.287	0.240	0.128	0.110	0.085	0.107	---	---	9
10	---	---	---	0.280	0.268	0.188	0.289	0.185	0.080	0.112	---	---	10
11	---	---	---	0.257	0.274	0.173	0.244	0.330	0.080	0.128	---	---	11
12	---	---	---	0.207	0.323	0.186	0.180	0.184	0.088	0.124	---	---	12
13	---	---	---	0.208	0.440	0.150	0.122	0.188	0.077	0.131	---	---	13
14	---	---	---	0.216	0.376	0.125	0.088	0.888	0.078	0.117	---	---	14
15	---	---	---	0.228	0.358	0.140	0.082	0.458	0.070	0.128	---	---	15
16	---	---	---	0.274	0.268	0.180	0.084	0.283	0.068	0.121	---	---	16
17	---	---	---	0.457	0.378	0.158	0.127	0.220	0.080	0.125	---	---	17
18	---	---	---	0.388	0.388	0.184	0.802	0.178	0.078	0.118	---	---	18
19	---	---	---	0.388	0.341	0.283	1.18	0.151	0.079	0.117	---	---	19
20	---	---	---	0.291	0.353	0.238	0.385	0.128	0.082	0.118	---	---	20
21	---	---	---	0.260	0.378	0.215	0.255	0.877	0.075	0.134	---	---	21
22	---	---	---	0.254	0.383	0.173	0.482	0.123	0.074	0.124	---	---	22
23	---	---	---	0.267	0.349	0.152	0.286	0.116	0.078	0.118	---	---	23
24	---	---	---	0.271	0.328	0.185	0.242	0.235	0.079	0.181	---	---	24
25	---	---	0.2068	0.239	0.312	0.148	0.210	0.281	0.087	0.118	---	---	25
26	---	---	0.2358	0.218	0.302	0.131	0.184	0.188	0.100	0.157	---	---	26
27	---	---	0.3458	0.200	0.311	0.140	0.144	0.142	0.182	0.884	---	---	27
28	---	---	0.3518	0.211	0.305	0.178	0.123	0.113	0.122	0.128	---	---	28
29	---		0.3398	0.228	0.284	0.185	0.102	0.115	0.104	0.088A	---	---	29
30	---		0.2728	0.222	0.248	0.165	0.108	0.115	0.104	0.100E	---	---	30
31	---		0.4928		0.245		0.128	0.100		0.100E		---	31
TOTAL	---	---	---	8.858	9.484	5.615	7.048	5.484	2.751	4.070	---	---	TOTAL
MEAN	---	---	---	0.285	0.305	0.181	0.227	0.208	0.092	0.131	---	---	MEAN
MAX	---	---	---	0.457	0.440	0.283	1.18	0.888	0.182	0.884	---	---	MAX
MIN	---	---	---	0.200	0.221	0.125	0.082	0.093	0.068	0.088	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.191
MAXIMUM DAILY, 1.18 ON JUL 19
MINIMUM DAILY, 0.068 ON SEP 16
MAXIMUM INSTANTANEOUS,
7.22 AT 15:10 MST ON OCT 27

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 40 N
LONG 114 14 00 W
DRAINAGE AREA, 73.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	609
FEB	---	AUG	580
MAR	---	SEP	236
APR	739	OCT	352
MAY	818	NOV	---
JUN	469	DEC	---

TOTAL DISCHARGE, 3 050 dam³

TOMAHAWK CREEK NEAR TOMAHAWK - STATION NO. 05DE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.5648	0.087	0.184	0.228	2.37	0.285	0.074	0.020	---	1
2	---	---	0.0048	0.7718	0.133	0.143	0.283	3.38	0.278	0.084	0.025	---	2
3	---	---	0.0038	0.8618	0.218	0.136	0.148	3.42	0.315	0.057	0.010A	---	3
4	---	---	0.0048	0.6308	0.154	0.145	0.158	3.29	0.277	0.088	---	---	4
5	---	---	0.0058	0.5048	0.100	0.136	0.148	10.1	0.228	0.077	---	---	5
6	---	---	0.0088	0.4688	0.107	0.126	0.168	5.48	0.180	0.098	---	---	6
7	---	---	0.0128	0.5508	0.115	0.126	0.152	3.55	0.154	0.086	---	---	7
8	---	---	0.0088	0.5248	0.137	0.136	0.142	1.98	0.127	0.082	---	---	8
9	---	---	0.0088	0.4378	0.180	0.131	0.141	1.47	0.126	0.082	---	---	9
10	---	---	0.0078	0.5078	0.163	0.302	0.153	1.22	0.127	0.081	---	---	10
11	---	---	0.0048	0.293	0.188	0.387	0.121	1.02	0.102	0.083	---	---	11
12	---	---	0.0088	0.268	0.187	0.317	0.127	0.700	0.088	0.055	---	---	12
13	---	---	0.0068	0.177	0.274	0.285	0.113	0.504	0.107	0.086	---	---	13
14	---	---	0.0068	0.141	0.288	0.218	0.108	0.388	0.088	0.050	---	---	14
15	---	---	0.0088	0.098	0.235	0.198	0.088	0.333	0.108	0.048	---	---	15
16	---	---	0.0088	0.088	0.238	0.185	0.074	0.268	0.088	0.048	---	---	16
17	---	---	0.0358	0.081	0.208	0.180	0.078	0.218	0.087	0.045	---	---	17
18	---	---	0.0388	0.077	0.184	0.178	0.088	0.281	0.115	0.037	---	---	18
19	---	---	0.0388	0.070	0.287	0.182	0.048	0.188	0.048	0.035	---	---	19
20	---	---	0.0388	0.091	0.314	0.183	0.031	0.208	0.048	0.034	---	---	20
21	---	---	0.0348	0.088	0.428	0.188	0.038	0.407	0.043	0.047	---	---	21
22	---	---	0.0348	0.082	0.388	0.285	0.035	0.272	0.038	0.050	---	---	22
23	---	---	0.0428	0.083	0.323	0.220	0.032	0.238	0.048	0.038	---	---	23
24	---	0.0128	0.0488	0.080	0.288	0.185	0.037	0.231	0.088	0.038	---	---	24
25	---	0.0138	0.0718	0.028	0.281	0.182	0.030	0.304	0.050	0.032	---	---	25
26	---	0.0088	0.3868	0.058	0.217	0.188	0.010	0.311	0.078	0.034	---	---	26
27	---	0.0088	0.1428	0.080	0.180	0.301	0.020	0.322	0.058	0.020	---	---	27
28	---	0.0088	0.0808	0.058	0.220	0.212	0.021	0.325	0.080	0.058	---	---	28
29	---		0.0808	0.033	0.270	0.212	0.072	0.383	0.083	0.038	---	---	29
30	---		0.3638	0.057	0.278	0.222	0.324	0.340	0.038	0.032	---	---	30
31	---		0.5858		0.135		0.814	0.274		0.032		---	31
TOTAL	---	---	2.368	7.863	6.887	5.784	4.082	44.779	3.505	1.606	---	---	TOTAL
MEAN	---	---	0.076	0.265	0.218	0.182	0.132	1.44	0.117	0.052	---	---	MEAN
MAX	---	---	0.585	0.861	0.429	0.387	0.814	10.1	0.315	0.088	---	---	MAX
MIN	---	---	0.001	0.028	0.087	0.126	0.010	0.188	0.038	0.020	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.312
MAXIMUM DAILY, 10.1 ON AUG 5
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
12.4 AT 11:24 MST ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 21 N
LONG 114 45 41 W
DRAINAGE AREA, 105 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	353
FEB	---	AUG	3 870
MAR	205	SEP	303
APR	662	OCT	139
MAY	578	NOV	---
JUN	488	DEC	---

TOTAL DISCHARGE, 6 810 dam³

TOUGH CREEK NEAR BRAZEAU - STATION NO. 05AE038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.260E	0.309	0.820	0.380	0.088	0.314	0.264	0.138	---	---	1
2	---	---	0.260E	0.286	0.740	0.289	0.180	0.280	0.221	0.126	---	---	2
3	---	---	0.260E	0.280	0.839	0.241	0.131	0.268	0.221	0.111	---	---	3
4	---	---	0.260E	0.846	0.801	0.226	0.084	0.306	0.216	0.109	---	---	4
5	---	---	0.260E	0.828	0.888	0.188	0.081	0.388	0.218	0.116	---	---	5
6	---	---	0.264A	0.882	0.838	0.180	0.088	0.283	0.208	0.122	---	---	6
7	---	---	0.241	0.889	0.803	0.188	0.088	0.284	0.218	0.126	---	---	7
8	---	---	0.184	0.836	0.492	0.165	0.087	0.249	0.208	0.122	---	---	8
9	---	---	0.171	0.788	0.450	0.158	0.088	0.244	0.183	0.116	---	---	9
10	---	---	0.171	0.883	0.433	0.180	0.217	0.231	0.178	0.110	---	---	10
11	---	---	0.158	0.837	0.413	0.139	0.183	0.301	0.171	0.110	---	---	11
12	---	---	0.181	0.886	0.408	0.127	0.133	0.274	0.184	0.098	---	---	12
13	---	---	0.189	0.873	0.381	0.110	0.111	0.285	0.167	0.086	---	---	13
14	---	---	0.186	0.852	0.347	0.096	0.088	0.533	0.158	0.087	---	---	14
15	---	---	0.173	0.838	0.334	0.110	0.082	0.521	0.181	0.117	---	---	15
16	---	---	0.182	1.07	0.324	0.142	0.078	0.348	0.167	0.127	---	---	16
17	---	---	0.180	1.86	0.311	0.131	0.138	0.312	0.140	0.128	---	---	17
18	---	---	0.177	1.38	0.282	0.110	0.808	0.283	0.126	0.126	---	---	18
19	---	---	0.075	0.888	0.262	0.155	1.46	0.278	0.120	0.126	---	---	19
20	---	---	0.184	0.824	0.300	0.143	0.508	0.263	0.107	0.118	---	---	20
21	---	---	0.208	0.804	0.282	0.121	0.334	0.224	0.110	0.118	---	---	21
22	---	---	0.195	0.838	0.284	0.101	3.03	0.235	0.101	0.114	---	---	22
23	---	---	0.193	0.788	0.276	0.088	2.56	0.229	0.088	0.100	---	---	23
24	---	---	0.194	0.843	0.287	0.082	1.27	0.488	0.088	0.108	---	---	24
25	---	---	0.190	0.888	0.288	0.088	0.881	0.453	0.100	0.088	---	---	25
26	---	---	0.192	0.793	0.388	0.084	0.888	0.430	0.138	0.091	---	---	26
27	---	---	0.188	0.802	0.888	0.080	0.563	0.341	0.217	0.094	---	---	27
28	---	---	0.188	0.882	0.820	0.094	0.458	0.317	0.184	0.088A	---	---	28
29	---		0.208	0.825	0.378	0.088	0.421	0.284	0.140	0.080E	---	---	29
30	---		0.220	0.821	0.334	0.074	0.381	0.274	0.138	0.080E	---	---	30
31	---		0.288		0.307		0.372	0.261		0.080E		---	31
TOTAL	---	---	5.177	24.015	13.148	4.134	15.357	9.859	4.873	3.372	---	---	TOTAL
MEAN	---	---	0.188	0.801	0.424	0.137	0.495	0.312	0.162	0.109	---	---	MEAN
MAX	---	---	0.288	1.86	0.820	0.280	3.03	0.533	0.284	0.138	---	---	MAX
MIN	---	---	0.075	0.288	0.288	0.080	0.088	0.224	0.088	0.080	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.275
MAXIMUM DAILY, 3.03 ON JUL 22
MINIMUM DAILY, 0.080 ON JUN 27
MAXIMUM INSTANTANEOUS,
5.34 AT 18:10 MST ON JUL 22

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 00 N
LONG 113 32 00 W
DRAINAGE AREA, 38.6 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 330
FEB	---	AUG	835
MAR	634	SEP	421
APR	2 070	OCT	281
MAY	1 140	NOV	---
JUN	358	DEC	---

TOTAL DISCHARGE, 4 370 dam³

TRAP CREEK NEAR LONGVIEW - STATION NO 05BL027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	3.07	1.09	0.776	1.57	1.06	0.855	0.809	---	1
3	---	---	---	---	2.40	1.03	0.785	1.52	1.05	0.848	0.801	---	2
4	---	---	---	---	1.77	0.884	0.778	1.45	1.07	0.839	0.803	---	3
5	---	---	---	---	1.85	1.00	0.824	1.34	1.00	0.830	0.808	---	4
					1.88	1.09	1.05	1.34	0.884	0.825	0.488A	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	1.74	1.11	1.04	1.24	1.05	0.818	---	---	6
8	---	---	---	---	2.04	1.11	0.874	1.16	0.875	0.814	---	---	7
9	---	---	---	---	2.33	1.08	0.824	1.10	0.948	0.810	---	---	8
10	---	---	---	---	2.48	1.07	0.885	1.07	0.827	0.810	---	---	9
					2.34	1.08	1.24	1.36	0.820	0.803	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	2.08	1.03	1.28	1.82	0.901	0.887	---	---	11
13	---	---	---	---	2.17	0.995	1.26	1.53	0.878	0.881	---	---	12
14	---	---	---	---	2.17	0.880	1.12	1.71	0.883	0.878	---	---	13
15	---	---	---	---	1.84	0.875	0.888	2.50	0.845	0.874	---	---	14
					1.70	0.977	0.821	3.06	0.815	0.882	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	1.81	1.77	0.913	2.81	0.808	0.885	---	---	16
18	---	---	---	---	1.73	1.38	0.802	2.87	0.781	0.878	---	---	17
19	---	---	---	---	1.85	1.18	1.80	2.41	0.784	0.881	---	---	18
20	---	---	---	---	1.84	1.13	4.75	2.32	0.771	0.850	---	---	19
					1.82	1.14	4.28	2.02	0.744	0.867	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	1.43	1.08	3.88	1.88	0.735	0.843	---	---	21
23	---	---	---	---	1.34	1.04	4.02	1.74	0.727	0.841	---	---	22
24	---	---	---	---	1.28	0.995	3.88	1.84	0.717	0.862	---	---	23
25	---	---	---	---	1.23	0.938	3.42	1.88	0.708	0.830	---	---	24
					1.18	0.888	3.01	1.80	0.705	0.843	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	0.832A	1.18	0.883	3.88	1.41	0.781	0.838	---	---	26
29	---		---	1.28	1.23	0.841	3.38	1.34	0.742	0.818	---	---	27
30	---		---	1.88	1.28	0.847	3.13	1.27	0.884	0.818	---	---	28
31	---		---	2.38	1.22	0.813	1.84	1.31	0.884	0.817	---	---	29
					1.18	0.808	1.83	1.17	0.888	0.814	---	---	30
							1.89	1.10		0.808		---	31
TOTAL	---	---	---	---	53.25	31.343	58.393	51.59	25 371	17.833	---	---	TOTAL
MEAN	---	---	---	---	1.72	1.04	1.88	1.66	0.848	0.575	---	---	MEAN
MAX	---	---	---	---	3.07	1.77	4.75	3.06	1.07	0.855	---	---	MAX
MIN	---	---	---	---	1.18	0.808	0.788	1.07	0.888	0.808	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 4.75 ON JUL 19
MINIMUM DAILY, 0.808 ON OCT 31
MAXIMUM INSTANTANEOUS,
5.11 AT 10:38 MST ON JUL 19

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 36 N
LONG 114 25 28 W
DRAINAGE AREA, 137 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 080
FEB	---	AUG	4 480
MAR	---	SEP	2 180
APR	---	OCT	1 540
MAY	4 800	NOV	---
JUN	2 710	DEC	---

TOTAL DISCHARGE, 20 800 dam³

TROUT CREEK NEAR GRANUM - STATION NO. 05AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0698	0.5068	0.150	0.030	0	0	0.010	0	0.048	---	1
2	---	---	0.0888	0.4578	0.143	0.022	0	0	0.002	0	0.041A	---	2
3	---	---	0.0478	0.3338	0.131	0.019	0.012	0	0.002	0	---	---	3
4	---	---	0.1198	0.318	0.118	0.008	0.017	0	0.002	0	---	---	4
5	---	---	0.1888	0.286	0.113	0.001	0.003	0	0.002	0	---	---	5
6	---	---	0.1798	0.272	0.098	0	0	0	0	0	---	---	6
7	---	---	0.1268	0.239	0.098	0	0	0	0.001	0	---	---	7
8	---	---	0.0708	0.208	0.075	0	0	0	0.001	0	---	---	8
9	---	---	0.1128	0.186	0.058	0	0	0	0	0	---	---	9
10	---	---	0.1158	0.176	0.047	0	0.001	0	0	0	---	---	10
11	---	---	0.1738	0.175	0.088	0	0.082	0	0	0	---	---	11
12	---	---	0.0838	0.182	0.068	0	0.086	0	0	0	---	---	12
13	---	---	0.0888	0.172	0.068	0	0.041	0	0	0.001	---	---	13
14	---	---	0.0898	0.161	0.062	0	0.018	0.038	0	0.006	---	---	14
15	---	---	0.1148	0.161	0.050	0	0	0.263	0	0.012	---	---	15
16	---	---	0.1118	0.180	0.042	0	0	0.274	0	0.020	---	---	16
17	---	---	0.1038	0.147	0.044	0	0	0.196	0	0.023	---	---	17
18	---	---	0.1088	0.148	0.044	0	0.002	0.148	0	0.028	---	---	18
19	---	---	0.1218	0.161	0.038	0	0.214	0.118	0	0.031	---	---	19
20	---	---	0.1128	0.165	0.040	0.073	0.348	0.087	0	0.035	---	---	20
21	---	---	0.1188	0.147	0.058	0.049	0.280	0.068	0	0.038	---	---	21
22	---	---	0.1268	0.135	0.086	0.041	0.238	0.038	0	0.038	---	---	22
23	---	0.0528	0.0888	0.148	0.060	0.020	0.181	0.024	0	0.038	---	---	23
24	---	0.0688	0.1088	0.188	0.084	0.008	0.151	0.030	0	0.038	---	---	24
25	---	0.0508	0.1318	0.188	0.083	0	0.113	0.042	0	0.034	---	---	25
26	---	0.0648	0.1788	0.144	0.062	0	0.068	0.042	0	0.068	---	---	26
27	---	0.0778	0.1888	0.134	0.084	0	0.048	0.064	0	0.063	---	---	27
28	---	0.0768	0.1388	0.132	0.088	0	0.005	0.087	0	0.058	---	---	28
29	---		0.1198	0.136	0.078	0	0	0.043	0	0.050	---	---	29
30	---		0.1908	0.143	0.053	0	0	0.028	0	0.039	---	---	30
31	---		0.5278		0.042		0	0.017		0.045		---	31
TOTAL	---	---	4.193	6.126	2.262	0.309	1.876	1.531	0.020	0.879	---	---	TOTAL
MEAN	---	---	0.135	0.204	0.073	0.010	0.061	0.049	0.001	0.022	---	---	MEAN
MAX	---	---	0.527	0.505	0.150	0.089	0.348	0.274	0.010	0.089	---	---	MAX
MIN	---	---	0.047	0.132	0.039	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 0.5068 ON APR 1
MINIMUM DAILY, 0 ON JUN 8
MAXIMUM INSTANTANEOUS,
0.7348 AT 07.37 MST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 35 N
LONG 113 41 07 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	182
FEB	---	AUG	132
MAR	362	SEP	1.73
APR	529	OCT	86.7
MAY	195	NOV	---
JUN	26.7	DEC	---

TOTAL DISCHARGE, 1 470 dam³

TWELVE MILE COULEE SPILLWAY NEAR CARSELAND - STATION NO. 05BM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.005	0.018	0.077	0.181	0.001	0.140	0	---	1
2	---	---	---	---	0.006	0.016	0.073	0.166	0.013	0.172	0	---	2
3	---	---	---	---	0.007	0.016	0.068	0.176	0.076	0.210	0	---	3
4	---	---	---	---	0.007	0.016	0.220	0.147	0.030	0.116	0A	---	4
5	---	---	---	---	0.007	0.064	0.205	0.166	0.017	0.034	---	---	5
6	---	---	---	---	0.007	0.170	0.189	0.177	0.028	0.008	---	---	6
7	---	---	---	---	0.006	0.166	0.185	0.173	0.016	0.005	---	---	7
8	---	---	---	---	0.008	0.162	0.179	0.160	0.012	0.004	---	---	8
9	---	---	---	---	0.010	0.134	0.176	0.207	0.008	0.003	---	---	9
10	---	---	---	---	0.024	0.135	0.170	0.273	0.008	0.002	---	---	10
11	---	---	---	---	0.027	0.123	0.127	0.203	0.005	0.001	---	---	11
12	---	---	---	---	0.029	0.122	0.185	0.181	0.005	0.001	---	---	12
13	---	---	---	---	0.030	0.123	0.201	0.213	0.005	0	---	---	13
14	---	---	---	---	0.026	0.129	0.166	0.322	0.005	0	---	---	14
15	---	---	---	---	0.032	0.127	0.174	0.184	0.005	0	---	---	15
16	---	---	---	---	0.033	0.140	0.220	0.246	0.005	0	---	---	16
17	---	---	---	---	0.033	0.140	0.312	0.227	0.005	0	---	---	17
18	---	---	---	---	0.031	0.070	0.189	0.448	0.005	0	---	---	18
19	---	---	---	---	0.038	0.072	0.184	0.443	0.005	0	---	---	19
20	---	---	---	---	0.027	0.084	0.147	0.423	0.005	0	---	---	20
21	---	---	---	---	0.030	0.080	0.139	0.418	0.005	0	---	---	21
22	---	---	---	---	0.021	0.086	0.043	0.407	0.005	0	---	---	22
23	---	---	---	---	0.016	0.086	0.033	0.405	0.005	0	---	---	23
24	---	---	---	---	0.016	0.084	0.029	0.405	0.005	0	---	---	24
25	---	---	---	---	0.013	0.083	0.027	0.388	0.006	0	---	---	25
26	---	---	---	---	0.011	0.082	0.027	0.184	0.010	0	---	---	26
27	---	---	---	---	0.012	0.083	0.024	0.040	0.013	0	---	---	27
28	---	---	---	---	0.014	0.063	0.022	0.006	0.006	0	---	---	28
29	---		---	0.001A	0.016	0.062	0.186	0.003	0.080	0	---	---	29
30	---		---	0.004	0.018	0.071	0.115	0.002	0.116	0	---	---	30
31	---		---		0.017		0.173	0.002		0		---	31
TOTAL	---	---	---	---	0.587	2.717	4.210	5.926	0.510	0.893	---	---	TOTAL
MEAN	---	---	---	---	0.018	0.091	0.136	0.223	0.017	0.023	---	---	MEAN
MAX	---	---	---	---	0.033	0.140	0.312	0.448	0.116	0.210	---	---	MAX
MIN	---	---	---	---	0.006	0.016	0.022	0.002	0.001	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 0.448 ON AUG 18
MINIMUM DAILY, 0 ON OCT 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 28 N
LONG 113 34 28 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	384
FEB	---	AUG	598
MAR	---	SEP	44.1
APR	---	OCT	80.4
MAY	48.0	NOV	---
JUN	338	DEC	---

TOTAL DISCHARGE, 1 380 dam³

TWELVE MILE CREEK NEAR CECIL - STATION NO. 05BN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.003	5.25	5.56	4.26	1.36	1.69	0.491	---	1
2	---	---	---	---	0.004	5.18	5.93	5.59	1.25	1.78	0.354	---	2
3	---	---	---	---	0.003	5.73	5.36	5.41	1.46	1.82	0.401A	---	3
4	---	---	---	---	0.003	5.51	5.73	4.94	1.61	2.08	---	---	4
5	---	---	---	---	0.005	4.97	5.28	5.03	1.87	2.14	---	---	5
6	---	---	---	---	0.004	4.73	5.26	4.52	2.01	2.21	---	---	6
7	---	---	---	---	0.004	4.50	5.42	4.28	1.98	2.37	---	---	7
8	---	---	---	---	0.003	4.35	5.46	4.46	2.00	2.57	---	---	8
9	---	---	---	---	0.003	4.48	5.84	4.23	1.94	2.46	---	---	9
10	---	---	---	---	0.003	4.38	5.98	4.41	1.78	2.32	---	---	10
11	---	---	---	---	0.002	4.58	5.83	4.40	1.88	2.50	---	---	11
12	---	---	---	---	0.003	4.05	5.05	4.37	1.57	2.84	---	---	12
13	---	---	---	---	0.004	4.86	5.42	4.86	1.58	2.79	---	---	13
14	---	---	---	---	0.002	5.33	5.36	5.26	1.61	2.87	---	---	14
15	---	---	---	---	0.223	5.25	6.59	4.82	1.23	3.22	---	---	15
16	---	---	---	---	4.30	5.85	5.58	4.53	1.42	3.07	---	---	16
17	---	---	---	---	4.39	5.00	6.44	4.83	1.41	3.41	---	---	17
18	---	---	---	---	3.90	5.25	6.81	3.22	1.42	3.33	---	---	18
19	---	---	---	---	4.02	7.07	6.66	0.014	1.48	3.17	---	---	19
20	---	---	---	---	3.95	7.47	7.29	1.66	1.38	2.67	---	---	20
21	---	---	---	---	3.96	5.86	7.91	3.82	1.38	2.14	---	---	21
22	---	---	---	---	3.95	7.40	8.40	3.80	1.40	1.77	---	---	22
23	---	---	---	0.010A	4.28	7.71	7.79	2.06	1.47	1.39	---	---	23
24	---	---	---	0.005	4.77	7.68	7.34	3.03	1.41	1.02	---	---	24
25	---	---	---	0.005	5.38	7.20	6.82	1.66	1.32	0.994	---	---	25
26	---	---	---	0.005	5.04	5.68	5.61	1.62	1.41	0.914	---	---	26
27	---	---	---	0.005	5.22	5.61	5.25	1.65	1.47	0.778	---	---	27
28	---	---	---	0.005	5.07	5.72	5.23	1.59	1.52	0.656	---	---	28
29	---		---	0.005	5.34	5.40	5.06	1.56	1.73	0.621	---	---	29
30	---		---	0.007	5.38	5.69	5.07	1.36	1.76	0.546	---	---	30
31	---		---		5.23		5.18	1.42		0.469	---	---	31
TOTAL	---	---	---	---	80.506	177.70	198.08	108.274	47.07	62.379	---	---	TOTAL
MEAN	---	---	---	---	2.80	5.92	6.33	3.43	1.57	2.01	---	---	MEAN
MAX	---	---	---	---	5.38	7.71	8.40	5.88	2.01	3.41	---	---	MAX
MIN	---	---	---	---	0.002	4.05	5.18	0.014	1.23	0.469	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 8.40 ON JUL 22
MINIMUM DAILY, 0.002 ON MAY 9

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 00 N
LONG 111 40 00 W
DRAINAGE AREA, 2 730 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19 900
FEB	---	AUG	8 190
MAR	---	SEP	4 070
APR	---	OCT	5 380
MAY	5 980	NOV	---
JUN	15 400	DEC	---

TOTAL DISCHARGE, 57 900 dam³

UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING - STATION NO. 05AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	1.85	1.97	0.647	0.588	1.30	0	---	1
2	---	---	---	0	0	1.81	1.88	0.653	0.588	1.39	0	---	2
3	---	---	---	0	0	1.73	1.88	0.652	0.588	1.37	0A	---	3
4	---	---	---	0	0	1.89	2.37	0.841	0.639	1.38	0E	---	4
5	---	---	---	0	0	1.88	2.38	0.830	0.803	1.38	0E	---	5
6	---	---	---	0	0.587	1.92	2.40	0.700	0.858	1.34	0E	---	6
7	---	---	---	0	1.40	1.94	2.37	0.967	0.838	1.33	0E	---	7
8	---	---	---	0	1.43	2.22	2.38	1.19	0.818	1.82	0E	---	8
9	---	---	---	0	1.43	2.58	2.34	1.18	0.858	1.79	0E	---	9
10	---	---	---	0	1.44	2.58	2.38	1.17	0.838	1.88	0E	---	10
11	---	---	---	0	1.83	2.58	2.42	1.17	0.883	1.85	0E	---	11
12	---	---	---	0	1.88	2.73	2.41	1.13	0.708	1.48	0E	---	12
13	---	---	---	0	1.88	2.82	2.41	1.03	0.648	0.440	0E	---	13
14	---	---	---	0	2.19	2.82	2.45	0.674	0.602	0.002	0E	---	14
15	---	---	---	0	2.72	2.84	2.82	0.845	0.752	0	0E	---	15
16	---	---	---	0	3.01	2.97	2.58	0.828	0.748	0	0E	---	16
17	---	---	---	0	2.88	2.87	2.33	0.758	0.738	0	0E	---	17
18	---	---	---	0	2.80	2.83	1.18	0.828	0.745	0	0E	---	18
19	---	---	---	0	2.84	2.88	0.278	0.820	0.747	0	0E	---	19
20	---	---	---	0	2.78	2.87	0.342	0.812	0.733	0	0E	---	20
21	---	---	---	0	2.73	2.88	0.487	0.808	0.888	0	0E	---	21
22	---	---	---	0	2.88	2.83	0.258	0.808	0.849	0	0E	---	22
23	---	---	---	0	2.90	2.90	0.158	0.578	0.845	0	0E	---	23
24	---	---	0A	0	2.80	2.60	0.383	0.587	1.09	0	0E	---	24
25	---	---	0	0	2.78	2.36	0.382	0.882	1.17	0	0E	---	25
26	---	---	0	0	2.88	2.13	0.343	0.582	1.16	0	0E	---	26
27	---	---	0	0	3.37	1.81	0.333	0.858	1.16	0	0E	---	27
28	---	---	0	0	3.01	1.83	0.838	0.548	1.16	0	0E	---	28
29	---		0	0	2.84	1.85	0.948	0.627	1.17	0	0E	---	29
30	---		0	0	2.45	1.97	0.940	0.627	1.16	0	0E	---	30
31	---		0		2.60		0.919	0.588		0		---	31
TOTAL	---	---	---	0	83.177	72.78	47.207	24.287	24.222	17.882	0	---	TOTAL
MEAN	---	---	---	0	2.01	2.43	1.52	0.784	0.807	0.576	0	---	MEAN
MAX	---	---	---	0	3.37	2.97	2.82	1.18	1.16	1.79	0	---	MAX
MIN	---	---	---	0	0	1.81	0.188	0.627	0.588	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 3.37 ON MAY 27
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 04 N
LONG 113 37 58 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 080
FEB	---	AUG	2 100
MAR	---	SEP	2 090
APR	0	OCT	1 840
MAY	5 370	NOV	0
JUN	6 280	DEC	---

TOTAL DISCHARGE, 21 900 dam³

UNNAMED CREEK NEAR FORT MACKAY - STATION NO. 07DA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0588	0.0608	1.24	0.509A	0.145	0.188	0.259	0.145	0.348	---	1
2	---	---	0.0588	0.0598	1.30	0.720E	0.183	0.287	0.218	0.139	0.338	---	2
3	---	---	0.0588	0.0628	1.25	0.690E	0.484	0.187	0.202	0.144	0.3408	---	3
4	---	---	0.0588	0.0688	1.18	0.820E	0.388	0.118	0.184	0.138	0.2888	---	4
5	---	---	0.0588	0.0878	1.05	0.800E	0.388	0.311	0.173	0.119	0.2888	---	5
6	---	---	0.0588	0.0848	0.882	0.540E	0.387	0.848	0.170	0.115	0.2218	---	6
7	---	---	0.0528	0.1758	0.753	0.640E	0.298	0.881	0.181	0.188	---	---	7
8	---	---	0.0488	0.7008	0.621	0.800E	0.231	0.598	0.145	0.374	---	---	8
9	---	---	0.0498	0.6808	0.484	0.720E	0.224	0.497	0.188	0.370	---	---	9
10	---	---	0.0478	0.4208	0.440	0.830E	0.181	0.424	0.178	0.380	---	---	10
11	---	---	0.0488	0.3038	0.393	0.580E	0.158	0.357	0.188	0.390	---	---	11
12	---	---	0.0478	0.2628	0.342	0.540E	0.143	0.308	0.148	0.452	---	---	12
13	---	---	0.0488	0.2378	0.282	0.490E	0.126	0.284	0.148	0.748	---	---	13
14	---	---	0.0488	0.3738	0.232	0.425E	0.128	0.211	0.138	0.880	---	---	14
15	---	---	0.0488	0.8518	0.182	0.380E	0.132	0.178	0.148	0.828	---	---	15
16	---	---	0.0508	1.42 B	0.188	0.320E	0.126	0.248	0.283	0.552	---	---	16
17	---	---	0.0518	1.26 B	0.149	0.252A	0.195	0.201	0.218	0.495	---	---	17
18	---	---	0.0508	1.14 B	0.154	0.183	0.144	0.158	0.181	0.477	---	---	18
19	---	---	0.0498	1.31 B	0.177	0.151	0.106	0.185	0.188	0.488	---	---	19
20	---	---	0.0518	1.32 B	0.150	0.138	0.090	0.183	0.174	0.428	---	---	20
21	---	---	0.0488	1.27 B	0.130	0.138	0.078	0.179	0.174	0.375	---	---	21
22	---	---	0.0488	1.33 B	0.104	0.285	0.081	0.174	0.177	0.378	---	---	22
23	---	---	0.0508	1.30	0.097	0.188	0.087	0.188	0.171	0.370	---	---	23
24	---	---	0.0518	1.28	0.090	0.280	0.051	0.256	0.188	0.353	---	---	24
25	---	---	0.0518	1.14	0.081	0.291	0.048	0.367	0.159	0.385	---	---	25
26	---	---	0.0538	1.21	0.080	0.248	0.045	0.288	0.162	0.323	---	---	26
27	---	---	0.0538	1.14	0.076	0.232	0.038	0.252	0.170	0.287	---	---	27
28	---	---	0.0538	1.32	0.073	0.190	0.044	0.450	0.161	0.311	---	---	28
29	---		0.0528	1.47	0.088	0.188	0.043	0.827	0.153	0.351	---	---	29
30	---		0.0538	1.46	0.071	0.167	0.041	0.448	0.152	0.352	---	---	30
31	---		0.0588		0.118		0.038	0.347		0.348	---	---	31
TOTAL	---	---	1.880	23.738	12.431	12.783	4.732	9.788	5.293	11.221	---	---	TOTAL
MEAN	---	---	0.061	0.791	0.401	0.426	0.153	0.318	0.176	0.362	---	---	MEAN
MAX	---	---	0.058	1.47	1.30	0.820	0.484	0.881	0.259	0.748	---	---	MAX
MIN	---	---	0.046	0.058	0.058	0.138	0.038	0.118	0.139	0.115	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.333
MAXIMUM DAILY, 1.47 ON APR 28
MINIMUM DAILY, 0.038 ON JUL 31
MAXIMUM INSTANTANEOUS,
2.728 AT 13:07 MST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 39 41 N
LONG 111 31 11 W
DRAINAGE AREA, 274 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	408
FEB	---	AUG	847
MAR	137	SEP	457
APR	2 050	OCT	969
MAY	1 070	NOV	---
JUN	1 100	DEC	---

TOTAL DISCHARGE, 7 040 dam³

UPPER KANANASKIS LAKE - STATION NO 05BF005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1894.36	1891.10	1888.01	1888.78	1889.05	1888.93	1893.12	1896.15	1898.73	1899.98	1899.86	1897.51	1
2	1894.23	1890.97	1888.04	1888.78	1889.11	1888.91	1893.17	1896.23	1898.80	1899.96	1899.80	1897.45	2
3	1894.20	1890.82	1888.03	1888.80	1889.16	1888.91	1893.20	1896.32	1898.87	1899.96	1899.53	1897.32	3
4	1894.17	1890.70	1888.00	1888.80	1889.20	1888.98	1893.30	1896.43	1898.92	1899.98	1899.49	1897.21	4
5	1894.03	1890.57	1888.86	1888.80	1889.24	1890.06	1893.41	1896.54	1898.99	1899.98	1899.41	1897.11	5
6	1893.89	1890.43	1888.84	1888.80	1889.30	1890.17	1893.56	1896.61	1898.05	1700.00	1899.35	1897.06	6
7	1893.76	1890.40	1888.84	1888.80	1889.37	1890.30	1893.62	1896.71	1899.11	1700.02	1899.28	1896.96	7
8	1893.61	1890.40	1888.84	1888.80	1889.45	1890.36	1893.74	1896.80	1899.16	1700.04	1899.26	1896.87	8
9	1893.46	1890.30	1888.82	1888.81	1889.56	1890.44	1893.83	1896.93	1899.20	1700.04	1899.16	1896.80	9
10	1893.44	1890.20	1888.78	1888.81	1889.69	1890.56	1893.95	1897.08	1899.26	1700.06	1899.12	1896.70	10
11	1893.41	1890.10	1888.76	1888.82	1888.77	1890.66	1894.02	1897.18	1899.32	1700.06	1899.12	1896.61	11
12	1893.28	1890.04	1888.72	1888.84	1889.92	1890.80	1894.11	1897.28	1899.39	1700.08	1899.03	1896.55	12
13	1893.14	1889.96	1888.74	1888.84	1890.05	1890.95	1894.19	1897.38	1899.45	1700.09	1898.92	1896.47	13
14	1893.01	1889.96	1888.74	1888.82	1890.13	1891.12	1894.30	1897.48	1899.51	1700.11	1896.80	1896.38	14
15	1892.88	1889.98	1888.74	1888.84	1890.84	1891.30	1894.42	1897.58	1899.58	1700.12	1896.71	1896.27	15
16	1892.71	1889.89	1888.74	1888.85	1890.86	1891.52	1894.52	1897.64	1899.60	1700.13	1896.64	1896.15	16
17	1892.68	1889.79	1888.74	1888.86	1890.86	1891.71	1894.61	1897.72	1899.64	1700.13	1896.59	1896.03	17
18	1892.65	1889.68	1888.76	1888.90	1890.85	1891.86	1894.70	1897.80	1899.66	1700.13	1896.44	1895.91	18
19	1892.50	1889.58	1888.76	1888.91	1890.80	1892.02	1894.78	1897.87	1899.72	1700.14	1896.34	1895.87	19
20	1892.36	1889.48	1888.76	1888.91	1890.84	1892.17	1894.88	1897.92	1899.76	1700.15	1896.22	1895.81	20
21	1892.22	1889.49	1888.77	1888.80	1890.21	1892.31	1894.85	1897.88	1899.78	1700.16	1896.16	1895.89	21
22	1892.12	1889.49	1888.77	1888.80	1890.14	1892.42	1895.05	1896.06	1899.83	1700.12	1896.12	1895.89	22
23	1891.96	1889.39	1888.78	1888.80	1890.10	1892.49	1895.18	1898.12	1899.85	1700.07	1896.00	1895.47	23
24	1891.94	1889.28	1888.76	1888.91	1890.11	1892.48	1895.24	1898.18	1899.88	1700.03	1897.92	1895.38	24
25	1891.90	1889.18	1888.77	1888.91	1890.06	1892.51	1895.35	1898.28	1899.94	1700.03	1897.80	1895.35	25
26	1891.76	1889.06	1888.77	1888.92	1890.02	1892.81	1895.47	1898.31	1899.88	1899.96	1897.73	1895.34	26
27	1891.62	1888.98	1888.78	1888.93	1889.98	1892.74	1895.58	1898.37	1700.02	1899.88	1897.81	1895.18	27
28	1891.48	1889.00	1888.78	1888.93	1889.95	1892.66	1895.70	1898.44	1700.04	1899.81	1897.66	1895.03	28
29	1891.36		1888.78	1888.85	1889.91	1892.55	1895.81	1898.50	1899.98	1899.76	1897.58	1894.80	29
30	1891.21		1888.78	1888.89	1889.85	1893.01	1895.93	1898.57	1899.93	1899.86	1897.52	1894.76	30
31	1891.18		1888.78		1889.88		1896.07	1898.64		1899.88		1894.69	31
MEAN	1892.78	1889.84	1888.80	1888.86	1889.91	1891.40	1894.51	1897.52	1899.50	1700.01	1898.82	1896.14	MEAN
MAX	1894.36	1891.10	1888.01	1888.99	1890.86	1893.01	1896.07	1898.64	1700.04	1700.16	1899.88	1897.81	MAX
MIN	1891.18	1888.98	1888.72	1888.78	1889.05	1889.91	1893.12	1896.15	1898.73	1899.86	1897.52	1894.69	MIN

WATER LEVELS IN METRES

MEAN, 1894.03
MAXIMUM DAILY, 1700.16 ON OCT 21
MINIMUM DAILY, 1888.72 ON MAR 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 37 00 N
LONG 115 07 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
191 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

UTIKUMA LAKE NEAR NIPISI - STATION NO. 07JA001

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	28.767	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	28.783	---	---	---	---	---	23
24	---	28.894	---	28.857	---	---	---	---	---	---	---	---	24
25	---	---	28.938	---	---	28.918	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	28.807	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	28.806	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	28.732	---	---	---	30
31	---		---	---	---	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 36 N
LONG 116 15 27 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA, 2 470 km²

VERDIGRIS COULEE NEAR THE MOUTH - STATION NO 11AA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.015	0	0.432	0.173	0.312	0.334	0.289	0.024	---	1
2	---	---	0 B	0.002	0	0.445	0.059	0.288	0.328	0.255	0.036	---	2
3	---	---	0.001	0.001	0	0.339	0.050	0.284	0.381	0.278	0.054	---	3
4	---	---	0.006	0.001	0	0.331	0.123	0.178	0.356	0.306	0.023	---	4
5	---	---	0.007	0.037	0	0.324	0.043	0.210	0.313	0.282	0.008	---	5
6	---	---	0.007	0.011	0	0.338	0.081	0.240	0.332	0.292	0.005	---	6
7	---	---	0.003	0.013	0	0.332	0.040	0.194	0.326	0.288	0.004	---	7
8	---	---	0.002	0.052	0	0.284	0.014	0.183	0.312	0.337	0.004	---	8
9	---	---	0.001	0.118	0	0.330	0.033	0.198	0.311	0.328	0.004	---	9
10	---	---	0 E	0.011	0	0.344	0.087	0.144	0.316	0.231	0.007	---	10
11	---	---	0 E	0.100E	0	0.328	0.037	0.281	0.287	0.317	0.025	---	11
12	---	---	0.001	0.110E	0	0.308	0.017	0.212	0.286	0.318	0.042	---	12
13	---	---	0.004	0.080E	0.002	0.306	0.032	0.213	0.283	0.339	0.011	---	13
14	---	---	0.013	0.080E	0.002	0.289	0.030	0.346	0.287	0.317	0.070	---	14
15	---	---	0.009	0.040E	0.005	0.286	0.083	0.387	0.257	0.388	0.028	---	15
16	---	---	0.008	0.020E	0.111	0.313	0.078	0.289	0.283	0.274	0.004	---	16
17	---	---	0.008	0.030E	0.014	0.302	0.083	0.331	0.250	0.308	0.004	---	17
18	---	---	0.007	0.060E	0.002	0.274	0.145	0.321	0.231	0.276	0.003	---	18
19	---	---	0.004	0.060E	0.111	0.301	0.338	0.287	0.235	0.289	0.002	---	19
20	---	---	0.088	0.040E	0.132	0.363	0.263	0.281	0.223	0.182	0.002	---	20
21	---	---	0.088	0.030E	0.083	0.318	0.241	0.318	0.228	0.188	0.002	---	21
22	---	---	0.028	0.010E	0.133	0.341	0.218	0.389	0.212	0.208	0.028	---	22
23	---	---	0.0368	0.008E	0.170	0.335	0.250	0.271	0.213	0.148	0.004A	---	23
24	---	---	0.0298	0.004E	0.171	0.298	0.242	0.529	0.223	0.048	0.003E	---	24
25	---	08	0.0818	0.003E	0.210	0.287	0.254	0.480	0.176	0.192	0.003E	---	25
26	---	08	0.1208	0 E	0.288	0.249	0.225	0.387	0.240	0.121	0.002E	---	26
27	---	08	0.1308	0 E	0.330	0.272	0.233	0.308	0.331	0.088	0.002E	---	27
28	---	08	0.0248	0 A	0.338	0.313	0.245	0.323	0.259	0.072	0.002E	---	28
29	---		0.0188	0	0.342	0.261	0.284	0.368	0.241	0.055	0.001E	---	29
30	---		0.044	0	0.331	0.177	0.254	0.385	0.280	0.026	0.001E	---	30
31	---		0.073		0.382		0.240	0.335		0.012		---	31
TOTAL	---	---	0.789	0.802	3.084	8.380	4.455	8.847	8.271	6.876	0.437	---	TOTAL
MEAN	---	---	0.025	0.030	0.100	0.313	0.144	0.280	0.276	0.225	0.015	---	MEAN
MAX	---	---	0.130	0.118	0.382	0.448	0.338	0.529	0.381	0.388	0.084	---	MAX
MIN	---	---	0	0	0	0.177	0.014	0.144	0.176	0.012	0.001	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.175
MAXIMUM DAILY, 0.529 ON AUG 24
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
0.884 AT 17:03 MST ON AUG 24

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 38 N
LONG 111 45 31 W
DRAINAGE AREA, 388 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	388
FEB	---	AUG	778
MAR	68.4	SEP	715
APR	77.8	OCT	603
MAY	267	NOV	37.8
JUN	811	DEC	---

TOTAL DISCHARGE, 3 700 dam³

VERDIGRIS LAKE TRIBUTARY NEAR MILK RIVER - STATION NO. 11AA039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0E	0 E	0.031	0.001	0	0	0	0	0	0	---	1
2	---	0E	0 E	0.032	0	0	0	0	0	0	0	---	2
3	---	0E	0 E	0.053	0	0	0	0	0	0	---	---	3
4	---	0E	0 E	0.064	0	0	0	0	0	0	---	---	4
5	---	0E	0 E	0.048	0	0	0	0	0	0	---	---	5
6	---	0E	0 E	0.068	0	0	0	0	0	0	---	---	6
7	---	0E	0 E	0.033	0	0	0	0	0	0	---	---	7
8	---	0E	0 E	0.024	0	0	0	0	0	0	---	---	8
9	---	0E	0 E	0.014	0	0	0	0	0	0	---	---	9
10	---	0E	0.0018	0.012	0	0	0	0	0	0	---	---	10
11	---	0E	0.0028	0.015	0	0	0	0	0	0	---	---	11
12	---	0E	0.0038	0.016	0	0	0	0	0	0	---	---	12
13	---	0E	0.007	0.012	0	0	0	0	0	0	---	---	13
14	---	0E	0.010	0.010	0	0	0	0	0	0	---	---	14
15	---	0E	0.012	0.008	0	0	0	0	0	0	---	---	15
16	---	0E	0.011	0.005	0	0	0	0	0	0	---	---	16
17	---	0E	0.010	0.005	0	0	0	0	0	0	---	---	17
18	---	0E	0.008	0.007	0	0	0	0	0	0	---	---	18
19	---	0E	0.012	0.008	0	0	0	0	0	0	---	---	19
20	---	0E	0.010	0.004	0	0	0	0	0	0	---	---	20
21	---	0E	0.008	0.004	0	0	0	0	0	0	---	---	21
22	---	0E	0.007	0.002	0	0	0	0	0	0	---	---	22
23	---	0E	0.007	0.002	0	0	0	0	0	0	---	---	23
24	---	0E	0.0078	0.003	0	0	0	0	0	0	---	---	24
25	---	0E	0.0088	0.003	0	0	0	0	0	0	---	---	25
26	---	0E	0.0128	0.002	0	0	0	0.012	0	0	---	---	26
27	---	0E	0.0108	0.001	0	0	0	0.012	0	0	---	---	27
28	---	0E	0.0088	0.001	0.001	0	0	0.004	0	0	---	---	28
29	---		0.0108	0	0.002	0	0	0.001	0	0	---	---	29
30	---		0.0118	0	0.001	0	0	0	0	0	---	---	30
31	---		0.024		0.001		0	0		0		---	31
TOTAL	---	0	0.199	0.474	0.006	0	0	0.029	0	0	---	---	TOTAL
MEAN	---	0	0.006	0.016	0	0	0	0.001	0	0	---	---	MEAN
MAX	---	0	0.024	0.068	0.002	0	0	0.012	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.068 ON APR 6
MINIMUM DAILY, 0E ON FEB 1
MAXIMUM INSTANTANEOUS,
0.082 AT 07:35 MST ON APR 6

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 32 N
LONG 112 05 27 W

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	2.51
MAR	17.2	SEP	0
APR	41.0	OCT	0
MAY	0.52	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 61.2 dam^3

VERMILION PARK LAKE NEAR VERMILION - STATION NO. 05EE005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	576.768E	576.808	576.029	576.882	576.749	576.784	576.785	576.775	---	---	1
2	---	---	576.768E	576.818	576.018	576.821	576.739	576.788	576.788	576.772	---	---	2
3	---	---	576.765A	576.832	576.993	576.810	576.744	576.780	576.817	576.772	---	---	3
4	---	---	576.768	576.886	576.983	576.831	576.745	576.748	576.840	576.776	---	---	4
5	---	---	576.768	576.936	576.960	576.865	576.742	576.781	576.823	576.783	---	---	5
6	---	---	576.768	576.891	576.976	576.861	576.748	576.782	576.831	576.788	---	---	6
7	---	---	576.764	576.860	576.968	576.848	576.748	576.789	576.846	576.783	---	---	7
8	---	---	576.763	576.897	576.958	576.836	576.749	576.787	576.847	576.786	---	---	8
9	---	---	576.763	576.131	576.943	576.827	576.788	576.758	576.840	576.738	---	---	9
10	---	---	576.764	576.183	576.935	576.829	576.773	576.770	576.819	576.741	---	---	10
11	---	---	576.765	576.180	576.932	576.821	576.771	576.773	576.809	576.741	---	---	11
12	---	---	576.766	576.122	576.924	576.814	576.769	576.774	576.808	576.744	---	---	12
13	---	---	576.768	576.086	576.918	576.802	576.773	576.771	576.890	576.749	---	---	13
14	---	---	576.780	576.073	576.891	576.780	576.768	576.789	576.873	576.730	---	---	14
15	---	---	576.784	576.070	576.901	576.771	576.765	576.789	576.870	576.732	---	---	15
16	---	---	576.784	576.078	576.885	576.772	576.762	576.774	576.880	576.731	---	---	16
17	---	---	576.783	576.089	576.882	576.762	576.765	576.778	576.868	576.737	---	---	17
18	---	---	576.782	576.105	576.874	576.762	576.765	576.774	576.840	576.730	---	---	18
19	---	---	576.783	576.132	576.874	576.747	576.768	576.778	576.832	576.722	---	---	19
20	---	---	576.788	576.180	576.883	576.738	576.780	576.773	576.825	576.717	---	---	20
21	---	---	576.800	576.171	576.857	576.741	576.774	576.783	576.823	576.724	---	---	21
22	---	---	576.800	576.187	576.861	576.744	576.776	576.780	576.818	576.720	---	---	22
23	---	---	576.800	576.192	576.891	576.741	576.778	576.781	576.815	576.713	---	---	23
24	---	---	576.800	576.198	576.887	576.783	576.785	576.781	576.803	576.713	---	---	24
25	---	---	576.798	576.197	576.884	576.782	576.778	576.780	576.801	576.718	---	---	25
26	---	---	576.798	576.182	576.851	576.780	576.780	576.778	576.801	576.728	---	---	26
27	---	---	576.787	576.155	576.830	576.788	576.788	576.779	576.781	576.712	---	---	27
28	---	---	576.788	576.127	576.853	576.788	576.782	576.780	576.788	576.710A	---	---	28
29	---		576.788	576.101	576.884	576.752	576.788	576.781	576.788	576.710E	---	---	29
30	---		576.800	576.072	576.845	576.784	576.788	576.773	576.785	576.710E	---	---	30
31	---		576.804		576.845		576.780	576.772		576.710E		---	31
MEAN	---	---	576.782	576.078	576.907	576.788	576.781	576.778	576.838	576.738	---	---	MEAN
MAX	---	---	576.804	576.198	576.028	576.882	576.788	576.783	576.847	576.778	---	---	MAX
MIN	---	---	576.763	576.808	576.845	576.738	576.738	576.765	576.788	576.710	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 576.198 ON APR 24

MAXIMUM INSTANTANEOUS,
576.231 AT 14:15 MST ON APR 26

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 40 N
LONG 110 51 24 W

A - MANUAL GAUGE

E - ESTIMATED

VERMILION RIVER AT VEGREVILLE - STATION NO. 05EE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1808	0.054	0.002	0.001	0	0	0.003	---	---	1
2	---	---	0 B	0.5408	0.044	0.002	0.001	0	0	0.003	---	---	2
3	---	---	0 B	0.8908	0.083	0.002	0.001	0	0.004E	0.003	---	---	3
4	---	---	0 B	0.9008	0.040	0.003	0.001	0	0.010E	0.004	---	---	4
5	---	---	0 B	1.18 B	0.011	0.003	0.001	0	0.028E	0.004	---	---	5
6	---	---	0 B	1.18 B	0.001	0.002	0.001	0	0.088E	0.003	---	---	6
7	---	---	0 B	3.18 B	0	0.002	0.001	0	0.035E	0.002	---	---	7
8	---	---	0 B	10.8 B	0	0.002	0.001	0	0.025E	0.001	---	---	8
9	---	---	0 B	14.1 B	0	0.002	0.001	0	0.020E	0.001	---	---	9
10	---	---	0 B	14.2 B	0	0.001	0	0	0.018E	0.001	---	---	10
11	---	---	0 B	10.3	0	0.001	0	0	0.025E	0.001	---	---	11
12	---	---	0 B	7.88	0	0.001	0	0	0.018E	0.001	---	---	12
13	---	---	0 B	6.04	0.001	0	0	0	0.018E	0	---	---	13
14	---	---	0 B	5.04	0.002	0	0	0	0.011	0.001	---	---	14
15	---	---	0 B	4.10	0.002	0	0	0	0.007	0.001	---	---	15
16	---	---	0 B	3.26	0.003	0	0	0	0.005	0.001	---	---	16
17	---	---	0 B	2.85	0.004	0.001	0	0	0.004	0.001	---	---	17
18	---	---	0 B	2.08	0.004	0	0	0	0.004	0.001	---	---	18
19	---	---	0 B	1.88	0.010	0	0	0	0.003	0.001	---	---	19
20	---	---	0 B	1.48	0.004	0.001	0	0	0.004	0.001	---	---	20
21	---	---	0 B	1.53	0.018	0.001	0	0	0.005	0.001	---	---	21
22	---	---	0 B	1.40	0.014	0.001	0	0	0.004	0.002	---	---	22
23	---	---	0 B	1.25	0.014	0.001	0	0	0.003	0.002	---	---	23
24	---	---	0 B	1.14	0.020	0.001	0	0	0.002	0.001	---	---	24
25	---	---	0 B	1.21	0.016	0.003	0	0	0.002	0.001	---	---	25
26	---	---	0 B	0.880	0.012	0.001	0	0	0.002	0.001	---	---	26
27	---	---	0 B	0.585	0.007	0.001	0	0	0.002	0.001	---	---	27
28	---	---	0 B	0.387	0.005	0.001	0	0	0.004	0.001A	---	---	28
29	---		0.0028	0.281	0.002	0.001	0	0	0.004	0.001E	---	---	29
30	---		0.0058	0.174	0.002	0.001	0	0	0.003	0.001E	---	---	30
31	---		0.0208		0.002		0	0		0.001E	---	---	31
TOTAL	---	---	0.027	100.151	0.353	0.037	0.008	0	0.332	0.045	---	---	TOTAL
MEAN	---	---	0.001	3.34	0.011	0.001	0	0	0.011	0.001	---	---	MEAN
MAX	---	---	0.020	14.2	0.083	0.003	0.001	0	0.085	0.004	---	---	MAX
MIN	---	---	0	0.180	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.412
MAXIMUM DAILY, 14.2B ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
17.8B AT 02:00 MST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 25 N
LONG 112 02 18 W
DRAINAGE AREA, 1 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.78
FEB	---	AUG	0
MAR	2.33	SEP	28.7
APR	8 850	OCT	3.89
MAY	30.5	NOV	---
JUN	3.20	DEC	---

TOTAL DISCHARGE, 8 730 dam³

VERMILION RIVER DRAINAGE NEAR HOLDEN - STATION NO. 05EE913

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	0	0	0	0	0	0	---	---	1
2	---	---	---	0 B	0	0	0	0	0.020E	0	---	---	2
3	---	---	---	0.0488	0	0	0	0	0.028	0	---	---	3
4	---	---	---	0.4158	0	0	0	0	0.058	0	---	---	4
5	---	---	---	0.2368	0	0	0	0	0.081	0	---	---	5
6	---	---	---	0.1848	0	0	0	0	0.087	0	---	---	6
7	---	---	---	0.780	0	0	0	0	0.039	0	---	---	7
8	---	---	---	0.806	0	0	0	0	0.024	0	---	---	8
9	---	---	---	0.547	0	0	0	0	0.018	0	---	---	9
10	---	---	---	0.389	0	0	0	0	0.011	0	---	---	10
11	---	---	---	0.183	0	0	0	0	0.008	0	---	---	11
12	---	---	---	0.134	0	0	0	0	0.007	0	---	---	12
13	---	---	---	0.094	0	0	0	0	0.008	0	---	---	13
14	---	---	---	0.084	0	0	0	0	0.008	0	---	---	14
15	---	---	---	0.059	0	0	0	0	0.008	0	---	---	15
16	---	---	---	0.082	0	0	0	0	0.005	0	---	---	16
17	---	---	---	0.152	0	0	0	0	0.004	0	---	---	17
18	---	---	---	0.155	0	0	0	0	0.004	0	---	---	18
19	---	---	---	0.124	0.002	0	0	0	0.002	0	---	---	19
20	---	---	---	0.087	0.001	0	0	0	0.001	0	---	---	20
21	---	---	---	0.057	0	0	0	0	0.001	0	---	---	21
22	---	---	---	0.017	0.001	0	0	0	0	0	---	---	22
23	---	---	---	0.003	0.002	0	0	0	0	0	---	---	23
24	---	---	---	0.001	0.001	0	0	0	0	0	---	---	24
25	---	---	---	0	0.001	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---		---	0	0	0	0	0	0	0	---	---	29
30	---		---	0	0	0	0	0	0	0	---	---	30
31	---		---		0		0	0		0	---	---	31
TOTAL	---	---	---	4.877	0.008	0	0	0	0.433	0	---	---	TOTAL
MEAN	---	---	---	0.158	0	0	0	0	0.014	0	---	---	MEAN
MAX	---	---	---	0.806	0.002	0	0	0	0.088	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.80B ON APR 6
MINIMUM DAILY, 0B ON APR 1
MAXIMUM INSTANTANEOUS,
0.89B AT 12:35 MST ON APR 6

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 02 N
LONG 112 24 19 W
DRAINAGE AREA, 88.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	38.5
APR	404	OCT	0
MAY	0.88	NOV	---
JUN	0	DEC	---

VERMILION RIVER NEAR MARWAYNE - STATION NO. 05EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010B	0.043B	7.89	1.02	0.125E	0.022E	0.035E	0.212E	---	---	1
2	---	---	0.012B	0.060B	7.17	0.984	0.110E	0.018E	0.040E	0.212E	---	---	2
3	---	---	0.014B	0.210B	6.52	1.13	0.088E	0.022E	0.080E	0.203E	---	---	3
4	---	---	0.017B	0.500B	5.83	1.17	0.068E	0.026E	0.242E	0.188E	---	---	4
5	---	---	0.020B	0.700B	5.17	0.913	0.075E	0.027E	0.475A	0.180E	---	---	5
6	---	---	0.020B	1.30 B	4.51	0.778	0.070E	0.025E	0.549	0.165E	---	---	6
7	---	---	0.019B	2.20 B	4.02	0.744	0.070E	0.018E	0.880	0.140E	---	---	7
8	---	---	0.014B	4.00 E	3.88	0.888	0.068E	0.012E	0.891	0.160E	---	---	8
9	---	---	0.010B	7.76 A	3.36	0.948	0.072E	0.018E	0.678	0.168E	---	---	9
10	---	---	0.009B	8.51	3.15	0.892	0.083E	0.020E	0.671	0.155E	---	---	10
11	---	---	0.008B	10.0	2.93	0.840	0.090E	0.017E	0.871	0.115E	---	---	11
12	---	---	0.007B	12.6	2.70	0.800	0.090E	0.012E	0.883	0.105E	---	---	12
13	---	---	0.005B	15.8	2.47	0.729	0.088E	0.010E	0.883	0.170E	---	---	13
14	---	---	0.005B	18.1	2.33	0.717	0.093E	0.012E	0.882	0.165E	---	---	14
15	---	---	0.006B	14.1	2.15	0.890E	0.088E	0.016E	0.813	0.128E	---	---	15
16	---	---	0.013B	11.4	1.92	0.880E	0.080E	0.025E	0.543	0.105E	---	---	16
17	---	---	0.017B	9.91	1.89	0.870E	0.085E	0.020E	0.475	0.087E	---	---	17
18	---	---	0.025B	9.81	1.79	0.820E	0.082E	0.015E	0.417	0.085E	---	---	18
19	---	---	0.025B	9.37	1.62	0.440E	0.040E	0.010E	0.367	0.068E	---	---	19
20	---	---	0.022B	9.14	1.53	0.410E	0.030E	0.008E	0.327	0.050E	---	---	20
21	---	---	0.016B	9.22	1.58	0.352E	0.028E	0.012E	0.294	0.037E	---	---	21
22	---	---	0.012B	9.59	1.44	0.260E	0.027E	0.015E	0.267	0.048E	---	---	22
23	---	---	0.010B	9.89	1.27	0.205E	0.038E	0.014E	0.261	0.068E	---	---	23
24	---	---	0.012B	10.5	1.22	0.148E	0.028E	0.012E	0.235E	0.122E	---	---	24
25	---	---	0.011B	10.8	1.21	0.105E	0.048E	0.010E	0.227E	0.075E	---	---	25
26	---	---	0.009B	11.2	1.15	0.085E	0.085E	0.010E	0.225E	0.048E	---	---	26
27	---	---	0.007B	11.4	1.08	0.105E	0.078E	0.010E	0.220E	0.052E	---	---	27
28	---	---	0.005B	11.2	1.02	0.145E	0.082E	0.012E	0.217E	0.057E	---	---	28
29	---		0.007B	10.1	1.01	0.170E	0.050E	0.012E	0.212E	0.054E	---	---	29
30	---		0.015B	9.08	1.00	0.180E	0.035E	0.022E	0.210E	0.052E	---	---	30
31	---		0.030B		1.03		0.030E	0.030E		0.048E		---	31
TOTAL	---	---	0.412	246.383	85.64	17.584	2.100	0.508	11.850	3.528	---	---	TOTAL
MEAN	---	---	0.013	8.21	2.76	0.586	0.068	0.016	0.398	0.114	---	---	MEAN
MAX	---	---	0.030	18.1	7.89	1.17	0.125	0.030	0.891	0.212	---	---	MAX
MIN	---	---	0.005	0.043	1.00	0.085	0.027	0.008	0.035	0.037	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.50
MAXIMUM DAILY, 18.1 ON APR 14
MINIMUM DAILY, 0.005B ON MAR 13
MAXIMUM INSTANTANEOUS,
18.4 AT 04:04 MST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 28 N
LONG 110 23 51 W
DRAINAGE AREA, 7 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	181
FEB	---	AUG	44.0
MAR	35.6	SEP	1 030
APR	21 300	OCT	305
MAY	7 400	NOV	---
JUN	1 520	DEC	---

TOTAL DISCHARGE, 31 800 dam³

VERMILION RIVER TRIBUTARY NEAR BRUCE - STATION NO. 05EE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.051E	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.046E	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.041E	0	0	0	0	0	---	---	3
4	---	---	0B	0.265B	0.035E	0	0	0	0	0	---	---	4
5	---	---	0B	1.09 B	0.032E	0	0	0	0.001	0	---	---	5
6	---	---	0B	1.28 B	0.025E	0	0	0	0	0	---	---	6
7	---	---	0B	1.22 B	0.022A	0	0	0	0	0	---	---	7
8	---	---	0B	1.18	0.023	0	0	0	0	0	---	---	8
9	---	---	0B	1.26	0.015	0	0	0	0	0	---	---	9
10	---	---	0B	1.20	0.011	0	0	0	0	0	---	---	10
11	---	---	0B	1.08	0.010	0	0	0	0	0	---	---	11
12	---	---	0B	0.923	0.008	0	0	0	0	0	---	---	12
13	---	---	0B	0.774	0.007	0	0	0	0	0	---	---	13
14	---	---	0B	0.857	0.006	0	0	0	0	0	---	---	14
15	---	---	0B	0.557	0.005	0	0	0	0	0	---	---	15
16	---	---	0B	0.488	0.005	0	0	0	0	0	---	---	16
17	---	---	0B	0.398	0.005	0	0	0	0	0	---	---	17
18	---	---	0B	0.371	0.005	0	0	0	0	0	---	---	18
19	---	---	0B	0.348	0.005	0	0	0	0	0	---	---	19
20	---	---	0B	0.302	0.005	0	0	0	0	0	---	---	20
21	---	---	0B	0.280	0.005	0	0	0	0	0	---	---	21
22	---	---	0B	0.211	0.005	0	0	0	0	0	---	---	22
23	---	---	0B	0.191	0.004	0	0	0	0	0	---	---	23
24	---	---	0B	0.159	0.002E	0	0	0	0	0	---	---	24
25	---	---	0B	0.124	0 E	0	0	0	0	0	---	---	25
26	---	---	0B	0.111	0 E	0	0	0	0	0	---	---	26
27	---	---	0B	0.097	0 E	0	0	0	0	0	---	---	27
28	---	---	0B	0.082	0 A	0	0	0	0	0A	---	---	28
29	---		0B	0.070	0	0	0	0	0	0E	---	---	29
30	---		0B	0.060E	0	0	0	0	0	0E	---	---	30
31	---		0B		0		0	0		0E		---	31
TOTAL	---	---	0	14.794	0.354	0	0	0	0.001	0	---	---	TOTAL
MEAN	---	---	0	0.493	0.012	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.28	0.051	0	0	0	0.001	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.062
MAXIMUM DAILY, 1.28B ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.59B AT 21:02 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 17 42 N
LONG 112 02 54 W
DRAINAGE AREA, 46.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0.08
APR	1 280	OCT	0
MAY	33.2	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 310 dam³

VIXEN CREEK NEAR BELLOY - STATION NO. 07FD921

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0	0	0	0	0	---	---	1
2	---	---	---	---	0	0	0	0	0	0	---	---	2
3	---	---	---	8.13 B	0	0	0	0	0	0	---	---	3
4	---	---	---	8.26 B	0	0	0	0	0	0	---	---	4
5	---	---	---	3.97 B	0	0	0	0	0	0	---	---	5
6	---	---	---	3.03	0	0	0	0	0	0	---	---	6
7	---	---	---	2.85	0	0	0	0	0	0	---	---	7
8	---	---	---	1.80	0	0	0	0	0	0	---	---	8
9	---	---	---	1.53	0	0	0	0	0	0	---	---	9
10	---	---	---	1.41	0	0	0	0	0	0	---	---	10
11	---	---	---	1.95	0	0	0	0	0	0	---	---	11
12	---	---	---	1.87	0	0	0	0	0	0	---	---	12
13	---	---	---	0.948	0	0	0	0	0	0	---	---	13
14	---	---	---	0.536	0	0	0	0	0	0	---	---	14
15	---	---	---	0.295	0	0	0	0	0	0	---	---	15
16	---	---	---	0.198	0	0	0	0	0	0	---	---	16
17	---	---	---	0.138	0	0	0	0	0	0	---	---	17
18	---	---	---	0.081	0	0	0	0	0	0	---	---	18
19	---	---	---	0.049	0	0	0	0	0	0	---	---	19
20	---	---	---	0.026	0	0	0	0	0	0	---	---	20
21	---	---	---	0.023	0	0	0	0	0	0	---	---	21
22	---	---	---	0.013	0	0	0	0	0	0	---	---	22
23	---	---	---	0.010	0	0	0	0	0	0	---	---	23
24	---	---	---	0.008	0	0	0	0	0	0	---	---	24
25	---	---	---	0.001	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---		---	0	0	0	0	0	0	0	---	---	29
30	---		---	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0	---	---	31
TOTAL	---	---	---	---	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	---	0	0	0	0	0	0	---	---	MAX
MIN	---	---	---	---	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.138 ON APR 3
MINIMUM DAILY, 0B ON MAR 31
MAXIMUM INSTANTANEOUS,
10.38 AT 13:19 MST ON APR 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 48 30 N
LONG 114 09 20 W
DRAINAGE AREA, 126 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

WABAMUN CREEK NEAR DUFFIELD - STATION NO. 05DE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3808	0.7188	0.701	0.418	0.103	0.085	0.088	0.014	0.064	---	1
2	---	---	0.4008	1.61 B	0.727	0.413	0.088	0.121	0.090	0.023	0.075	---	2
3	---	---	0.4208	2.83 B	0.784	0.380	0.093	0.114	0.078	0.029	0.074	---	3
4	---	---	0.4308	2.58 B	0.705	0.374	0.092	0.123	0.088	0.034	0.072A	---	4
5	---	---	0.4208	2.21 B	0.669	0.380	0.087	0.488	0.074	0.029	---	---	5
6	---	---	0.4008	1.73 B	0.639	0.286	0.078	0.530	0.077	0.038	---	---	6
7	---	---	0.4008	1.38 B	0.552	0.213	0.058	0.884	0.078	0.088	---	---	7
8	---	---	0.3608	1.17 B	0.503	0.159	0.082	0.471	0.072	0.073	---	---	8
9	---	---	0.3708	1.88 B	0.477	0.251	0.083	0.261	0.058	0.051	---	---	9
10	---	---	0.3808	1.83 B	0.484	0.288	0.078	0.152	0.097	0.045	---	---	10
11	---	---	0.3508	1.13 B	0.819	0.181	0.060	0.030	0.143	0.038	---	---	11
12	---	---	0.3508	1.26 B	0.482	0.130	0.052	0.019	0.086	0.048	---	---	12
13	---	---	0.3808	1.19 B	0.520	0.127	0.051	0.018	0.086	0.043	---	---	13
14	---	---	0.4008	0.8438	0.496	0.114	0.051	0.031	0.058	0.088	---	---	14
15	---	---	0.4208	1.07 B	0.495	0.142	0.055	0.013	0.043	0.088	---	---	15
16	---	---	0.4408	1.55 B	0.448	0.337	0.055	0.009	0.084	0.071	---	---	16
17	---	---	0.4608	1.72 B	0.436	0.187	0.050	0.007	0.054	0.078	---	---	17
18	---	---	0.4608	1.89	0.433	0.136	0.048	0.011	0.052	0.075	---	---	18
19	---	---	0.4508	1.37	0.599	0.140	0.048	0.019	0.047	0.070	---	---	19
20	---	---	0.4208	0.958	0.705	0.148	0.047	0.025	0.044	0.088	---	---	20
21	---	---	0.4008	0.838	0.618	0.188	0.042	0.033	0.032	0.100	---	---	21
22	---	---	0.3708	0.883	0.705	0.181	0.040	0.044	0.032	0.071	---	---	22
23	---	---	0.3408	0.856	0.651	0.153	0.037	0.077	0.028	0.081	---	---	23
24	---	0.3738	0.8778	0.811	0.588	0.127	0.038	0.070	0.022	0.087	---	---	24
25	---	0.3708	0.7508	0.803	0.475	0.116	0.033	0.070	0.018	0.070	---	---	25
26	---	0.3508	0.8008	0.770	0.428	0.102	0.039	0.073	0.020	0.072	---	---	26
27	---	0.3308	0.8508	0.752	0.383	0.102	0.033	0.089	0.020	0.070	---	---	27
28	---	0.3308	0.8708	0.747	0.340	0.101	0.030	0.095	0.018	0.071	---	---	28
29	---		0.8008	0.718	0.455	0.088	0.031	0.071	0.020	0.070	---	---	29
30	---		0.7008	0.703	0.459	0.084	0.048	0.104	0.018	0.078	---	---	30
31	---		1.04 B		0.387		0.070	0.118		0.084		---	31
TOTAL	---	---	14.887	38.210	17.111	5.959	1.782	4.058	1.887	1.813	---	---	TOTAL
MEAN	---	---	0.480	1.27	0.552	0.199	0.057	0.131	0.066	0.058	---	---	MEAN
MAX	---	---	1.04	2.83	0.818	0.418	0.103	0.884	0.143	0.100	---	---	MAX
MIN	---	---	0.340	0.703	0.340	0.084	0.030	0.007	0.018	0.014	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.349
MAXIMUM DAILY, 2.838 ON APR 3
MINIMUM DAILY, 0.007 ON AUG 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 42 N
LONG 114 22 00 W
DRAINAGE AREA, 513 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	184
FEB	---	AUG	380
MAR	1 380	SEP	144
APR	3 300	OCT	187
MAY	1 480	NOV	---
JUN	515	DEC	---

TOTAL DISCHARGE, 7 380 dam³

WABAMUN LAKE AT WABAMUN - STATION NO. 05DE002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	724.480	---	724.472	---	---	---	---	---	---	1
2	---	724.482	724.492	---	---	---	---	---	724.402	---	724.282	724.232	2
3	---	---	---	---	---	---	---	724.402	---	---	---	---	3
4	---	---	---	---	724.482	---	---	---	---	---	724.234	---	4
5	724.472	---	---	---	---	---	---	---	724.382	724.322	---	724.222	5
6	---	---	---	724.482	---	---	724.382	724.478	---	---	---	---	6
7	---	---	---	---	---	---	---	---	724.382	724.332	724.232	724.222	7
8	---	---	---	724.470	---	724.412	---	---	---	---	---	---	8
9	---	724.482	724.482	---	---	---	---	---	---	---	724.232	724.202	9
10	---	---	---	---	---	---	---	724.472	---	724.282	---	---	10
11	---	---	---	---	724.482	---	---	---	---	---	724.242	724.212	11
12	724.483	---	---	---	---	---	---	---	724.382	724.282	---	---	12
13	---	---	---	724.472	---	---	724.372	---	---	---	---	---	13
14	---	---	---	724.474	---	---	---	---	724.382	724.282	724.282	724.232	14
15	---	---	---	---	---	724.412	---	---	---	---	---	724.220	15
16	---	724.482	724.482	---	---	---	---	---	724.382	---	724.232	---	16
17	---	---	---	---	---	---	---	724.442	---	724.282	---	724.222	17
18	---	---	---	---	724.482	---	---	---	---	---	724.222	---	18
19	724.472	---	---	---	---	---	---	---	724.382	724.272	---	724.222	19
20	---	---	---	724.472	---	---	724.342	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	724.382	724.272	724.222	724.222	21
22	---	---	---	---	---	724.422	---	724.432	---	---	---	---	22
23	---	724.482	724.482	---	---	---	---	---	---	---	724.232	724.212	23
24	---	724.448	724.482	---	---	724.414	---	724.432	724.332	724.242	---	---	24
25	---	---	---	---	724.472	---	---	---	---	---	724.230	724.212	25
26	724.472	---	---	---	---	---	---	724.418	724.342	724.252	---	---	26
27	---	---	---	724.482	724.452	---	724.362	724.412	---	---	724.222	---	27
28	---	---	---	---	---	---	---	---	724.332	724.242	---	724.222	28
29	---		---	724.480	---	724.382	724.352	724.422	---	---	---	---	29
30	---		724.482	---	---	---	---	---	724.338	---	724.222	---	30
31	---		---		---		---	724.402		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 33 24 N
LONG 114 29 28 W

REGULATED

DRAINAGE AREA,
385 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM
APPLY -001.505 m ADJUSTMENT TO CONVERT TO CANADIAN NATIONAL RAILWAYS DATUM

WABASCA RIVER AT WADLIN LAKE ROAD - STATION NO. 07JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7B	12.8B	11.2 B	12.7B	193	83.6	41.7	168	70.4	37.2	41.6	11.7 B	1
2	14.8B	12.8B	11.0 B	13.0B	190	83.6	40.3	514	67.6	35.9	38.3	10.6 B	2
3	14.8B	12.5B	10.8 B	15.0B	184	102	40.0	853	66.3	35.1	36.7	8.93B	3
4	14.8B	12.3B	10.6 B	16.2B	176	119	38.2	474	64.2	34.4	34.6B	8.44B	4
5	14.6B	12.2B	11.3 B	17.4B	165	161	37.1	404	61.3	33.2	26.7B	8.41B	5
6	14.0B	12.1B	11.1 B	20.4B	155	164	36.5	336	57.7	31.9	19.4B	8.26B	6
7	14.3B	12.0B	10.9 B	22.2B	145	166	32.5	294	54.7	31.9	17.4B	8.65B	7
8	14.0B	11.8B	10.8 B	23.7B	133	190	31.8	263	52.0	32.2	20.0B	8.54B	8
9	13.8B	11.6B	10.6 B	24.8B	125	185	32.1	238	49.8	32.5	23.6B	8.30B	9
10	14.0B	11.5B	10.6 B	26.3B	125	176	31.1	216	46.9	32.4	22.3B	8.05B	10
11	13.9B	11.7B	10.3 B	38.0B	125	165	28.4	205	44.7	32.5	21.4B	8.30B	11
12	13.2B	11.9B	9.96B	50.8B	126	152	27.7	206	43.1	33.3	22.7B	8.64B	12
13	12.7B	11.9B	9.74B	67.8B	132	138	28.3	207	41.0	35.7	21.2B	8.69B	13
14	12.3B	11.9B	9.88B	87.6B	131	124	24.6	203	38.4	37.2	21.2B	8.88B	14
15	12.1B	11.8B	9.94B	117 B	126	111	22.9	195	40.4	38.3	19.6B	9.23B	15
16	12.1B	11.6B	9.72B	167 B	121	100	23.6	185	53.1	40.2	15.0B	9.02B	16
17	12.0B	11.7B	9.43B	208 B	114	89.1	28.5	175	67.9	38.1	17.2B	8.85B	17
18	12.0B	11.6B	9.45B	222 B	108	78.7	37.0	165	72.4	38.7	16.2B	8.88B	18
19	12.1B	11.6B	9.82B	240 B	101	70.1	41.5	180	70.2	37.1	20.6B	8.94B	19
20	12.0B	11.6B	10.1 B	238 B	95.6	63.5	38.9	161	63.7	34.9	18.9B	8.82B	20
21	11.9B	11.5B	10.1 B	225 A	90.4	58.4	38.0	142	59.4	35.9	20.1B	8.16B	21
22	11.1B	11.3B	10.0 B	247	85.1	54.4	36.3	130	55.3	35.9	21.6B	8.91B	22
23	10.6B	11.3B	10.2 B	243	80.0	50.7	33.2	119	52.4	34.7	20.5B	8.68B	23
24	11.3B	11.1B	10.1 B	214	77.5	51.6	30.2	111	49.5	33.8	19.1B	8.87B	24
25	11.4B	11.0B	9.79B	197	74.0	54.3	27.3	103	47.1	34.4	20.6B	8.71B	25
26	11.3B	11.2B	9.93B	191	70.0	55.7	28.1	96.3	45.7	33.8	20.3B	8.62B	26
27	11.6B	11.1B	10.5 B	188	66.8	53.2	24.5	90.5	43.8	33.2	18.3B	8.11B	27
28	11.9B	11.3B	10.7 B	190	63.7	49.5	23.4	85.8	41.3	32.6	15.6B	7.83B	28
29	12.3B		11.0 B	190	61.6	46.1	23.8	81.9	39.6	36.6	14.3B	7.69B	29
30	12.6B		11.2 B	193	59.8	43.3	25.4	77.2	38.3	40.6	12.4B	7.60B	30
31	12.8B		12.0 B		58.1		28.9	72.8		42.2		7.56B	31
TOTAL	387.0	328.8	322.88	3 704.1	3 557.4	3 030.2	978.8	6 419.5	1 589.4	1 098.2	958.9	269.34	TOTAL
MEAN	12.5	11.7	10.4	123	115	101	31.8	207	53.3	35.4	22.0	8.68	MEAN
MAX	14.8	12.8	12.0	247	193	190	41.7	853	72.4	42.2	41.6	11.7	MAX
MIN	10.8	11.0	9.43	12.7	58.1	43.3	22.8	72.8	38.3	31.9	12.4	7.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.3
MAXIMUM DAILY, 853 ON AUG 3
MINIMUM DAILY, 7.56B ON DEC 31
MAXIMUM INSTANTANEOUS,
898 AT 03:00 MST ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 52 30 N
LONG 115 23 20 W
DRAINAGE AREA, 38 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 300	JUL	84 800
FEB	28 400	AUG	555 000
MAR	27 900	SEP	138 000
APR	320 000	OCT	94 800
MAY	307 000	NOV	66 900
JUN	262 000	DEC	23 300

TOTAL DISCHARGE, 1 930 000 dam³

WABASCA RIVER BELOW TROUT RIVER - STATION NO. 07JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.828	7.148	7.218	12.08	27.2	18.7	9.38	5.47	18.4	11.5	7.70	3.378	1
2	9.518	7.088	7.088	13.08	27.8	17.4	9.15	5.58	18.3	11.4	7.88	3.388	2
3	9.288	7.078	6.888	14.08	27.8	16.2	8.89	5.18	15.8	11.4	8.10	3.388	3
4	8.998	7.088	6.818	14.18	27.8	20.7	8.50	7.03	15.4	11.2	5.808	3.448	4
5	9.128	7.048	6.738	14.48	27.4	22.8	8.23	7.78	15.5	10.8	6.488	3.588	5
6	9.188	7.028	6.818	15.48	28.5	23.4	8.05	8.27	15.0	10.8	6.838	3.628	6
7	9.118	7.008	6.838	17.48	28.5	23.5	7.98	8.86	14.8	10.5	6.458	3.688	7
8	9.008	6.988	6.348	18.98	28.5	21.9	7.98	9.12	14.4	10.4	6.078	3.888	8
9	8.898	7.228	6.388	18.88	28.2	21.2	7.20	8.26	14.3	9.98	6.128	4.148	9
10	8.518	7.438	6.218	20.08	28.8	20.8	6.84	10.8	14.0	10.5	6.168	4.218	10
11	8.488	7.508	6.058	21.18	28.0	18.8	6.70	11.4	13.8	10.1	5.788	4.078	11
12	8.488	7.428	5.888	22.18	28.5	20.0	6.69	14.2	13.7	9.88	5.938	4.188	12
13	8.528	7.408	5.838	23.68	28.1	18.1	6.55	15.3	13.6	9.90	4.818	4.338	13
14	7.528	7.488	5.838	24.88	23.7	16.0	6.35	16.6	13.3	9.41	4.458	4.278	14
15	8.108	7.448	5.978	25.58	23.4	16.8	5.90	16.8	13.5	8.16	5.888	4.238	15
16	7.858	7.388	5.898	26.38	22.1	16.2	5.86	17.5	13.7	8.17	5.548	3.988	16
17	7.578	7.358	5.878	27.78	21.8	16.7	5.61	18.2	13.7	8.86	5.738	3.808	17
18	7.428	7.528	6.018	28.3	21.7	14.8	5.48	18.5	13.3	8.45	6.048	3.768	18
19	7.488	7.868	6.258	27.1	21.8	13.8	5.31	18.9	13.1	8.25	5.848	3.808	19
20	7.518	7.678	6.738	28.1	22.2	13.2	5.33	19.0	12.8	8.18	5.858	3.858	20
21	7.578	7.678	7.178	28.5	22.8	12.4	5.13	19.1	12.8	8.40	5.838	3.908	21
22	7.888	7.568	7.558	28.8	21.8	11.8	4.86	19.0	12.7	8.16	5.848	3.958	22
23	7.608	7.418	7.618	27.2	20.4	11.3	4.88	18.9	12.5	8.05	5.878	3.888	23
24	7.518	7.468	8.138	26.7	20.4	11.4	4.71	19.0	12.2	8.38	5.908	3.958	24
25	7.358	7.428	8.868	26.8	20.0	10.8	4.38	19.2	12.4	8.77	6.138	3.908	25
26	7.268	7.388	9.888	27.0	19.2	10.5	4.05	18.7	12.4	8.24	4.778	3.808	26
27	7.178	7.358	9.158	26.4	18.8	10.4	3.87	18.4	12.2	7.88	4.428	3.768	27
28	7.168	7.308	9.668	26.4	18.3	10.0	5.85	18.1	12.3	8.05	4.338	3.708	28
29	7.138		10.7 B	26.5	17.6	9.88	4.70	17.7	12.0	8.08	3.858	3.688	29
30	7.208		11.4 B	27.1	17.2	9.87	4.34	17.1	11.8	7.88	3.608	3.858	30
31	7.198		12.0 B		16.5		4.48	16.9		7.81		3.708	31
TOTAL	250.88	205.38	229.58	883.0	716.2	479.53	193.09	445.17	410.1	289.55	172.07	116.88	TOTAL
MEAN	8.09	7.34	7.40	22.8	23.1	16.0	6.23	14.4	13.7	9.34	5.74	3.83	MEAN
MAX	9.52	7.87	12.0	26.9	27.8	22.8	9.38	19.3	18.4	11.5	8.10	4.33	MAX
MIN	7.13	6.98	5.83	12.0	16.5	9.88	3.87	5.47	11.8	7.81	3.80	3.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 28.9 ON APR 22
MINIMUM DAILY, 3.358 ON DEC 2
MAXIMUM INSTANTANEOUS,
30.5 AT 23:00 MST ON APR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 27 N
LONG 113 47 10 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 700	JUL	16 700
FEB	17 700	AUG	38 500
MAR	19 800	SEP	35 400
APR	59 000	OCT	25 000
MAY	61 800	NOV	14 900
JUN	61 400	DEC	10 300

TOTAL DISCHARGE, 382 000 dam³

WABASH CREEK NEAR PIBROCH - STATION NO. 07BC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.05 B	0.008	0.139	0.001	0.039	0.001	0.005	0.338	---	1
2	---	---	0 B	1.72 B	0.031	0.133	0.001	0.032	0.001	0.005	0.330A	---	2
3	---	---	0 B	2.55 B	0.030	0.108	0.001	0.017	0.003	0.004	---	---	3
4	---	---	0 B	3.26 B	0.098	0.086	0.001	0.011	0.042	0.005	---	---	4
5	---	---	0 B	3.86 B	0.038	0.085	0.001	0.010	0.003	0.005	---	---	5
6	---	---	0 B	9.32	0.022	0.082	0.001	0.008	0.002	0.005	---	---	6
7	---	---	0 B	7.36	0.008	0.049	0.001	0.008	0.003	0.006	---	---	7
8	---	---	0 B	5.86	0.003	0.018	0.001	0.004	0.003	0.006	---	---	8
9	---	---	0 B	8.27	0.001	0.018	0.002	0.003	0.002	0.006	---	---	9
10	---	---	0 B	9.28	0.002	0.027	0.002	0.007	0.004	0.007	---	---	10
11	---	---	0 B	7.04	0.001	0.012	0.001	0.008	0.003	0.020	---	---	11
12	---	---	0 B	4.79	0.001	0.008	0.001	0.005	0.002	0.061	---	---	12
13	---	---	0 B	3.30	0.001	0.003	0.001	0.004	0.001	0.080	---	---	13
14	---	---	0 B	2.54	0.001	0.001	0	0	0.002	0.063	---	---	14
15	---	---	0 B	1.94	0.001	0.001	0	0	0.002	0.084	---	---	15
16	---	---	0 B	1.68	0.001	0.001	0	0	0.001	0.087	---	---	16
17	---	---	0 B	1.71	0.012	0.001	0	0	0.001	0.088	---	---	17
18	---	---	0 B	1.51	0.037	0.001	0	0	0.001	0.071	---	---	18
19	---	---	0 B	1.27	0.018	0.001	0	0	0.001	0.071	---	---	19
20	---	---	0 B	1.07	0.048	0.001	0	0	0.001	0.078	---	---	20
21	---	---	0 B	0.964	0.140	0.001	0	0.001	0.001	0.082	---	---	21
22	---	---	0 B	0.827	0.058	0.001	0	0.001	0.001	0.084	---	---	22
23	---	---	0 B	0.700	0.028	0.001	0	0.033	0.001	0.085	---	---	23
24	---	08	0 B	0.606	0.011	0.001	0.001	0.008	0.001	0.087	---	---	24
25	---	08	0 B	0.352	0.185	0.001	0.001	0.004	0.001	0.087	---	---	25
26	---	08	0 B	0.213	0.387	0.001	0.004	0.002	0.001	0.114	---	---	26
27	---	08	0 B	0.238	0.454	0.001	0.004	0.001	0.002	0.334	---	---	27
28	---	08	0.010B	0.130	0.189	0.001	0.002	0.001	0.003	0.381	---	---	28
29	---		0.020B	0.034	0.178	0.001	0.001	0.001	0.004	0.357	---	---	29
30	---		0.080B	0.017	0.195	0.001	0.001	0.001	0.004	0.344	---	---	30
31	---		0.181B		0.184		0.008	0.001		0.347	---	---	31
TOTAL	---	---	0.301	81.879	2.387	0.734	0.038	0.188	0.098	2.887	---	---	TOTAL
MEAN	---	---	0.010	3.08	0.078	0.024	0.001	0.006	0.003	0.095	---	---	MEAN
MAX	---	---	0.181	9.32	0.454	0.139	0.008	0.039	0.042	0.381	---	---	MAX
MIN	---	---	0	0.017	0.001	0.001	0	0	0.001	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.602
MAXIMUM DAILY, 9.32 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.86 AT 22:30 MST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 27 N
LONG 113 55 28 W
DRAINAGE AREA, 338 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.28
FEB	---	AUG	17.1
MAR	26.0	SEP	8.47
APR	7 920	OCT	285
MAY	206	NOV	---
JUN	83.4	DEC	---

TOTAL DISCHARGE, 8 500 dam³

WABATANISK CREEK AT HIGHWAY NO. 976 - STATION NO. 07GH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0508	0.388	0.178	0.004	0.087	0.017	0.001	---	---	1
2	---	---	0 B	0.3888	0.878	0.151	0.003	1.22	0.018	0.001	---	---	2
3	---	---	0 B	0.3918	0.803	0.152	0.002	1.08	0.018	0.012	---	---	3
4	---	---	0 B	0.2918	0.596	0.156	0.001	0.778	0.010	0.012	---	---	4
5	---	---	0 B	0.2868	0.512	0.126	0	0.991	0.007	0.008	---	---	5
6	---	---	0 B	0.2868	0.458	0.150	0	0.402	0.006	0.008	---	---	6
7	---	---	0 B	0.2878	0.370	0.184	0.004	0.270	0.006	0.008	---	---	7
8	---	---	0 B	0.4338	0.334	0.248	0.018	0.192	0.004	0.008	---	---	8
9	---	---	0 B	0.7788	0.278	0.203	0.005	0.155	0.024	0.002	---	---	9
10	---	---	0 B	0.6788	0.242	0.158	0.002	0.431	0.008	0.003	---	---	10
11	---	---	0 B	0.9348	0.224	0.131	0.001	1.31	0.003	0.004	---	---	11
12	---	---	0 B	0.8848	0.192	0.114	0	0.873	0.004	0.002	---	---	12
13	---	---	0 B	1.11 B	0.158	0.104	0	0.837	0.003	0.002	---	---	13
14	---	---	0 B	1.21 B	0.182	0.073	0	0.472	0.005	0.002	---	---	14
15	---	---	0 B	1.07 B	0.119	0.071	0	0.342	0.006	0.002	---	---	15
16	---	---	0 B	0.8828	0.129	0.085	0	0.250	0.007	0.003	---	---	16
17	---	---	0 B	0.7608	0.108	0.072	0	0.208	0.014	0.005	---	---	17
18	---	---	0 B	0.8478	0.102	0.083	0	0.472	0.007	0.008	---	---	18
19	---	OB	0 B	0.988	0.319	0.052	0	0.447	0.005	0.004	---	---	19
20	---	OB	0 B	0.898	0.780	0.066	0	0.280	0.002	0.005	---	---	20
21	---	OB	0 B	0.562	0.580	0.088	0	0.188	0.002	0.004	---	---	21
22	---	OB	0 B	0.450	0.448	0.108	0	0.142	0.002	0.002	---	---	22
23	---	OB	0 B	0.471	0.351	0.087	0	0.109	0.002	0.002	---	---	23
24	---	OB	0 B	0.292	0.309	0.082	0	0.091	0.002	0.004	---	---	24
25	---	OB	0 B	0.293	0.233	0.042	0	0.078	0	0.003	---	---	25
26	---	OB	0 B	0.224	0.190	0.021	0	0.044	0.001	0.002	---	---	26
27	---	OB	0 B	0.218	0.141	0.020	0	0.032	0.001	0.001	---	---	27
28	---	OB	0 B	0.244	0.111	0.014	0.001	0.018	0.001	0.001	---	---	28
29	---		0 B	0.268	0.117	0.006	0.002	0.038	0.001	0.002	---	---	29
30	---		0.0018	0.481	0.181	0.005	0.007	0.025	0.001	0.002A	---	---	30
31	---		0.0058		0.227		0.007	0.017		0.002E		---	31
TOTAL	---	---	0.006	18.821	9.983	2.984	0.058	11.332	0.190	0.121	---	---	TOTAL
MEAN	---	---	0	0.584	0.322	0.100	0.002	0.366	0.006	0.004	---	---	MEAN
MAX	---	---	0.005	1.21	0.878	0.248	0.018	1.31	0.024	0.012	---	---	MAX
MIN	---	---	0	0.050	0.102	0.005	0	0.017	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.170
MAXIMUM DAILY, 1.31 ON AUG 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.888 AT 05:00 MST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 35 30 N
LONG 117 21 30 W
DRAINAGE AREA, 127 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.01
FEB	---	AUG	979
MAR	0.52	SEP	18.4
APR	1 480	OCT	10.5
MAY	863	NOV	---
JUN	259	DEC	---

TOTAL DISCHARGE, 3 580 dam³

WAINSCOTT COULEE NEAR BROWNVALE - STATION NO. 07FD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	OB	0 B	0.035	0.011	0	0	0	0	---	---	1
2	---	---	OB	0 B	0.037	0.008	0	0	0	0	---	---	2
3	---	---	OB	0.100B	0.031	0.008	0	0	0	0	---	---	3
4	---	---	OB	1.50 B	0.027	0.008	0	0	0	0	---	---	4
5	---	---	OB	4.59 B	0.022	0.008	0	0	0	0	---	---	5
6	---	---	OB	4.79 A	0.022	0.026	0	0	0	0	---	---	6
7	---	---	OB	3.33	0.018	0.022	0	0	0	0	---	---	7
8	---	---	OB	2.06	0.016	0.018	0	0	0	0	---	---	8
9	---	---	OB	2.29	0.015	0.014	0	0	0	0	---	---	9
10	---	---	OB	1.21	0.012	0.011	0	0	0	0	---	---	10
11	---	---	OB	3.69	0.013	0.008	0.001	0	0	0	---	---	11
12	---	---	OB	1.37	0.012	0.008	0.001	0	0	0	---	---	12
13	---	---	OB	0.438	0.011	0.004	0	0	0	0	---	---	13
14	---	---	OB	0.278	0.011	0.003	0	0	0	0	---	---	14
15	---	---	OB	0.202	0.011	0.003	0	0	0	0	---	---	15
16	---	OB	OB	0.158	0.010	0.003	0	0	0	0	---	---	16
17	---	OB	OB	0.128	0.010	0.001	0	0	0	0	---	---	17
18	---	OB	OB	0.113	0.010	0.001	0	0	0	0	---	---	18
19	---	OB	OB	0.102	0.010	0.001	0	0	0	0	---	---	19
20	---	OB	OB	0.090	0.009	0	0	0	0	0	---	---	20
21	---	OB	OB	0.086	0.007	0.001	0	0.001	0	0	---	---	21
22	---	OB	OB	0.077	0.008	0.001	0	0	0	0	---	---	22
23	---	OB	OB	0.067	0.008	0	0	0	0	0	---	---	23
24	---	OB	OB	0.062	0.007	0	0	0	0	0	---	---	24
25	---	OB	OB	0.056	0.007	0	0	0	0	0	---	---	25
26	---	OB	OB	0.048	0.008	0	0	0	0	0	---	---	26
27	---	OB	OB	0.045	0.004	0	0	0	0	0	---	---	27
28	---	OB	OB	0.040	0.003	0	0	0	0	0	---	---	28
29	---		OB	0.035	0.008	0	0	0	0	0	---	---	29
30	---		OB	0.033	0.012	0	0	0	0	0	---	---	30
31	---		OB		0.011		0	0		0		---	31
TOTAL	---	---	0	26.884	0.421	0.163	0.002	0.001	0	0	---	---	TOTAL
MEAN	---	---	0	0.895	0.014	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0	4.79	0.037	0.026	0.001	0.001	0	0	---	---	MAX
MIN	---	---	0	0	0.003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.112
MAXIMUM DAILY, 4.79A ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.47 ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 01 37 N
LONG 117 55 08 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.17
FEB	---	AUG	0.08
MAR	0	SEP	0
APR	2 320	OCT	0
MAY	38.4	NOV	---
JUN	14.1	DEC	---

TOTAL DISCHARGE, 2 370 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS DERIVED FROM HIGH WATER MARKS

WAIPAROUS CREEK NEAR THE MOUTH - STATION NO. 05BC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6858	0.6458	0.6608	1.00 B	4.21	0.984	1.08	3.10	3.07	1.77	1.31	0.8008	1
2	0.6808	0.6458	0.6708	1.07 B	3.78	0.870	1.04	2.81	3.20	1.73	1.20	0.7808	2
3	0.6308	0.6608	0.6308	1.13 B	1.66	0.831	1.13	2.85	4.22	1.69	1.18	0.8908	3
4	0.6208	0.6558	0.7008	1.16 B	1.38	0.820	2.78	3.84	3.88	1.65	1.17	0.8208	4
5	0.6158	0.6958	0.7808	1.33 B	1.28	0.815	3.70	3.80	3.68	1.61	1.15	0.8208	5
6	0.6058	0.6808	0.7608	1.27 B	1.32	1.06	3.43	3.36	4.80	1.58	1.12	0.8408	6
7	0.6018	0.7208	0.7308	1.32 B	1.52	1.01	3.06	3.03	4.27	1.56	1.04	0.8808	7
8	0.6058	0.7108	0.6808	1.38 B	1.86	0.974	2.36	2.81	3.81	1.50	1.11	0.8408	8
9	0.6108	0.7008	0.6858	0.8758	1.76	1.03	2.26	2.87	3.80	1.48	1.10	0.8508	9
10	0.6288	0.6908	0.6808	1.06 B	1.47	1.04	2.82	4.86	3.22	1.43	1.09	0.8208	10
11	0.6408	0.6708	0.6708	1.03 B	1.21	0.936	2.46	5.17	3.06	1.46	1.04	0.8358	11
12	0.6408	0.6808	0.7008	0.8758	1.36	0.884	2.48	5.32	2.86	1.42	1.04	0.8408	12
13	0.6258	0.6208	0.6808	0.8138	1.44	0.857	2.15	5.11	2.73	1.39	0.9458	0.8358	13
14	0.5908	0.5808	0.6708	1.12	1.19	0.854	1.83	5.46	2.62	1.40	1.08 B	0.8258	14
15	0.5808	0.5708	0.6858	1.24	1.14	0.873	1.88	5.80	2.54	1.47	0.8478	0.8108	15
16	0.5708	0.5808	0.6708	1.21	1.33	2.62	1.83	5.99	2.43	1.42	0.8858	0.3808	16
17	0.5808	0.5808	0.6758	1.15	1.18	3.28	1.89	5.78	2.35	1.44	0.2588	0.3708	17
18	0.5908	0.5828	0.6808	0.9728	1.10	1.98	2.34	5.18	2.25	1.34	0.8508	0.3458	18
19	0.6008	0.5808	0.6808	0.8858	1.19	1.80	7.11	4.82	2.16	1.34	1.30 B	0.3508	19
20	0.6108	0.5408	0.7008	1.08	1.07	1.51	8.47	4.87	2.13	1.31	1.16 B	0.3808	20
21	0.6208	0.6358	0.7108	1.48	0.892	1.74	5.43	4.26	2.04	1.34	1.08 B	0.3858	21
22	0.6258	0.6358	0.7258	1.34	0.830	1.46	12.7	3.88	1.96	1.37	0.8478	0.3808	22
23	0.6458	0.6358	0.7408	1.10	0.881	1.33	7.03	3.80	1.90	1.28	0.7878	0.3458	23
24	0.6558	0.6358	0.7808	1.13	0.811	1.23	5.80	4.33	1.87	1.27	0.7128	0.3508	24
25	0.6808	0.6358	0.7808	1.07	0.880	1.08	4.93	4.88	1.83	1.27	0.7208	0.3808	25
26	0.6858	0.6408	0.7708	1.02	0.885	0.971	5.75	4.28	2.22	1.22	0.6308	0.3858	26
27	0.6708	0.6508	0.7808	1.06	0.847	1.07	4.37	3.86	2.36	1.26	0.5008	0.3808	27
28	0.6758	0.6508	0.7808	1.57	1.01	1.21	3.87	3.72	2.02	1.25	0.6858	0.3758	28
29	0.6708		0.8308	2.20	1.18	1.03	3.30	3.73	1.91	1.25	0.5008	0.3708	29
30	0.6808		0.8808	2.82	1.08	1.18	3.08	3.43	1.82	1.24	0.8908	0.3808	30
31	0.6508		0.8408		1.03		3.32	3.22		1.22		0.3858	31
TOTAL	19.436	18.987	22.220	36.774	41.955	37.137	116.09	132.26	82.49	43.81	27.280	14.178	TOTAL
MEAN	0.627	0.808	0.717	1.23	1.35	1.24	3.71	4.27	2.75	1.41	0.909	0.457	MEAN
MAX	0.675	0.720	0.940	2.82	4.21	3.28	12.7	5.80	4.80	1.77	1.30	0.800	MAX
MIN	0.580	0.535	0.580	0.858	0.881	0.820	1.04	2.87	1.82	1.22	0.258	0.345	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 12.7 ON JUL 22
MINIMUM DAILY, 0.2588 ON NOV 17
MAXIMUM INSTANTANEOUS,
14.8 AT 08:30 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 58 N
LONG 114 50 15 W
DRAINAGE AREA, 334 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 680	JUL	9 940
FEB	1 470	AUG	11 400
MAR	1 920	SEP	7 130
APR	3 180	OCT	3 790
MAY	3 620	NOV	2 360
JUN	3 210	DEC	1 220

TOTAL DISCHARGE, 50 900 dam³

WAMPUS CREEK NEAR HINTON - STATION NO 07AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0548	0.120E	0.227	0.068	3.33	0.206	0.120	---	---	1
2	---	---	---	0.0628	0.108E	0.208	0.061	4.03	0.230	0.116	---	---	2
3	---	---	---	0.0888	0.087E	0.181	0.059	1.82	0.287	0.111	---	---	3
4	---	---	---	0.0758	0.090E	0.180	0.114	1.18	0.238	0.123	---	---	4
5	---	---	---	0.0658	0.087E	0.170	0.113	1.22	0.209	0.121	---	---	5
6	---	---	---	0.0518	0.088E	0.158	0.098	0.845	0.202	0.116	---	---	6
7	---	---	---	0.0418	0.084E	0.145	0.090	0.847	0.193	0.114	---	---	7
8	---	---	---	0.0328	0.082E	0.137	0.090	0.533	0.186	0.113	---	---	8
9	---	---	---	0.0268	0.080E	0.133	0.295	0.487	0.183	0.1138	---	---	9
10	---	---	---	0.0218	0.081E	0.127	0.334	0.882	0.173	0.1118	---	---	10
11	---	---	---	0.0178	0.080E	0.118	0.218	0.848	0.165	0.1058	---	---	11
12	---	---	---	0.0138	0.088E	0.112	0.192	0.825	0.158	0.1038	---	---	12
13	---	---	---	0.0208	0.135E	0.100	0.174	0.831	0.186	0.1048	---	---	13
14	---	---	---	0.0218	0.156A	0.083	0.137	0.448	0.168	0.1028	---	---	14
15	---	---	---	0.0188	0.158	0.088	0.131	0.388	0.173	0.1008	---	---	15
16	---	---	---	0.0188	0.158	0.121	0.123	0.389	0.181	0.0988	---	---	16
17	---	---	---	0.0158	0.148	0.152	0.193	0.413	0.150	0.0978	---	---	17
18	---	---	---	0.0178	0.188	0.108	0.206	0.383	0.145	0.0938	---	---	18
19	---	---	---	0.0188	0.201	0.093	0.194	0.384	0.138	0.0908	---	---	19
20	---	---	---	0.0198	0.218	0.083	0.162	0.336	0.135	0.0878	---	---	20
21	---	---	---	0.0188	0.311	0.100	0.148	0.423	0.131	0.0848	---	---	21
22	---	---	---	0.0158	0.454	0.093	0.135	0.387	0.127	0.0818	---	---	22
23	---	---	---	0.0178	0.618	0.087	0.121	0.315	0.128	0.0778	---	---	23
24	---	---	---	0.0298	0.812	0.081	0.110	0.314	0.122	0.0748	---	---	24
25	---	---	---	0.0508	0.812	0.078	0.107	0.293	0.120	0.0718	---	---	25
26	---	---	---	0.0808	0.431	0.070	0.107	0.269	0.188	0.0678	---	---	26
27	---	---	---	0.0808	0.371	0.071	0.088	0.245	0.170	0.0648	---	---	27
28	---	---	---	0.1008	0.338	0.081	0.094	0.245	0.142	0.0588	---	---	28
29	---		---	0.1088	0.310	0.071	0.088	0.307	0.131	0.0718	---	---	29
30	---		---	0.1138	0.288	0.072	0.088	0.249	0.124	0.0708	---	---	30
31	---		---		0.248		0.113	0.222		0.0688		---	31
TOTAL	---	---	---	1.292	8.891	3.585	4.248	22.157	5.075	2.931	---	---	TOTAL
MEAN	---	---	---	0.043	0.232	0.119	0.137	0.715	0.169	0.095	---	---	MEAN
MAX	---	---	---	0.113	0.618	0.227	0.334	4.03	0.287	0.123	---	---	MAX
MIN	---	---	---	0.018	0.080	0.070	0.059	0.222	0.120	0.084	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.218
MAXIMUM DAILY, 4.03 ON AUG 2
MINIMUM DAILY, 0.0158 ON APR 17
MAXIMUM INSTANTANEOUS,
8.82 AT 22:08 MST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 22 N
LONG 117 15 40 W
DRAINAGE AREA, 26.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	387
FEB	---	AUG	1 810
MAR	---	SEP	438
APR	112	OCT	253
MAY	585	NOV	---
JUN	387	DEC	---

TOTAL DISCHARGE, 3 880 dam³

WANDERING RIVER NEAR WANDERING RIVER - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2110	0.1310	0.1180	0.1180	6.20	4.83	1.92	0.872	2.89	0.486	0.278	0.1878	1
2	0.2070	0.1310	0.1180	0.1200	6.13	4.88	1.73	0.777	3.07	0.437	0.246	0.1908	2
3	0.2048	0.1288	0.1180	0.1388	7.88	4.74	1.82	0.877	2.82	0.471	0.256	0.1858	3
4	0.1868	0.1258	0.1180	0.1558	7.36	5.02	1.56	0.884	2.67	0.572	0.246	0.1768	4
5	0.1848	0.1218	0.1180	0.1988	7.03	5.48	1.43	0.700	2.57	0.523	0.246	0.1788	5
6	0.1818	0.1178	0.1180	0.1998	6.57	5.36	1.37	0.854	2.53	0.394	0.246	0.1768	6
7	0.1928	0.1208	0.1188	0.348	6.20	5.73	1.26	0.884	2.08	0.454	0.241	0.1728	7
8	0.1918	0.1208	0.1208	0.569	5.87	6.84	1.24	0.822	1.87	0.606	0.238	0.1728	8
9	0.1888	0.1188	0.1188	0.926	5.47	7.06	1.42	0.591	1.81	0.316	0.238	0.1718	9
10	0.1828	0.1188	0.1208	1.27	5.18	7.78	1.58	1.04	1.61	0.337	0.229	0.1898	10
11	0.1778	0.1198	0.1228	1.87	4.76	7.77	1.62	1.41	1.48	0.350	0.233	0.1888	11
12	0.1878	0.1268	0.1228	2.17	4.78	7.83	1.61	1.88	1.37	0.576	0.234	0.1888	12
13	0.2108	0.1278	0.1228	2.79	4.31	7.83	1.67	1.86	1.42	0.476	0.237	0.1808	13
14	0.2028	0.1288	0.1218	3.55	3.78	7.01	1.61	2.38	1.28	0.276	0.248	0.1838	14
15	0.2028	0.1248	0.1218	4.62	3.82	6.58	1.52	2.68	1.21	0.291	0.242	0.1868	15
16	0.1918	0.1228	0.1218	5.84	3.41	6.28	1.38	3.00	1.20	0.341	0.238	0.1828	16
17	0.1888	0.1188	0.1218	7.38	3.08	5.78	1.32	3.34	1.08	0.380	0.241	0.1868	17
18	0.1838	0.1188	0.1218	9.20	3.18	5.27	1.14	3.48	1.02	0.286	0.2398	0.1868	18
19	0.1888	0.1158	0.1208	10.8	3.82	4.84	1.08	3.75	0.921	0.265	0.2378	0.1868	19
20	0.1898	0.1118	0.1208	11.7	3.44	4.35	1.09	3.88	0.851	0.215	0.2348	0.1868	20
21	0.1788	0.1128	0.1208	12.1	3.81	4.15	1.02	4.08	0.888	0.321	0.2318	0.1848	21
22	0.1778	0.1148	0.1208	12.3	3.89	3.84	0.970	4.04	0.828	0.285	0.2288	0.1848	22
23	0.1698	0.1148	0.1208	12.1	4.41	3.42	0.898	4.27	0.801	0.210	0.2268	0.1858	23
24	0.1888	0.1188	0.1198	11.6	4.70	3.14	0.800	4.28	0.847	0.248	0.2208	0.1458	24
25	0.1808	0.1198	0.1198	11.2	4.91	2.70	0.691	4.47	0.858	0.323	0.2198	0.1478	25
26	0.1548	0.1188	0.1198	10.6	4.84	2.53	0.854	4.20	0.717	0.352	0.2168	0.1448	26
27	0.1508	0.1148	0.1198	10.1	4.63	2.37	0.678	4.11	0.804	0.238	0.2128	0.1458	27
28	0.1488	0.1188	0.1188	9.54	4.73	2.17	0.518	4.02	0.827	0.234	0.2078	0.1498	28
29	0.1468		0.1188	8.10	4.80	1.98	0.438	3.82	0.549	0.218	0.2058	0.1488	29
30	0.1398		0.1188	6.59	4.59	2.11	0.438	3.38	0.674	0.196	0.1988	0.1518	30
31	0.1348		0.1188		4.82		0.507	3.25		0.180		0.1478	31
TOTAL	5.807	3.388	3.704	170.954	158.28	151.75	38.857	78.482	42.883	10.787	7.113	5.010	TOTAL
MEAN	0.181	0.120	0.119	5.70	5.04	5.08	1.19	2.53	1.43	0.347	0.237	0.162	MEAN
MAX	0.211	0.131	0.122	12.3	8.20	7.83	1.82	4.47	3.07	0.606	0.356	0.197	MAX
MIN	0.134	0.111	0.118	0.118	3.08	1.98	0.438	0.591	0.549	0.180	0.188	0.144	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 12.3 ON APR 22
MINIMUM DAILY, 0.1118 ON FEB 20
MAXIMUM INSTANTANEOUS,
12.4 AT 13:25 MST ON APR 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 57 N
LONG 112 27 58 W
DRAINAGE AREA, 1 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	484	JUL	3 180
FEB	280	AUG	6 780
MAR	320	SEP	3 710
APR	14 800	OCT	930
MAY	13 500	NOV	615
JUN	13 100	DEC	433

TOTAL DISCHARGE, 58 100 dam³

WAPITI RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8 B	15.8 B	10.1 B	12.48	238	242	128	248	71.7	27.9	85.2	23.4 B	1
2	11.8 B	17.6 B	11.8 B	14.88	282	224	121	1 080	70.8	27.7	80.2	23.0 B	2
3	10.2 B	16.5 B	11.3 B	32.28	291	194	120	743	87.2	26.0	68.0	22.8 B	3
4	10.3 B	13.9 B	10.1 B	38.88	251	186	117	488	85.8	27.4	59.2	21.8 B	4
5	10.9 B	12.8 B	9.838	46.18	240	202	108	381	81.5	29.9	52.2	20.6 B	5
6	12.1 B	14.2 B	9.008	46.88	220	256	103	335	58.0	31.0	47.5	17.2 B	6
7	11.8 B	14.4 B	8.598	61.88	215	304	91.6	288	55.8	29.3	46.0	16.5 B	7
8	11.4 B	15.8 B	8.698	66.28	247	271	86.7	223	52.4	27.8	41.9	15.3 B	8
9	10.5 B	16.0 B	10.3 B	69.58	307	263	102	198	49.4	27.0	38.1	16.8 B	9
10	9.808	15.4 B	11.5 B	115 B	322	287	92.7	207	47.5A	28.7	37.1	17.5 B	10
11	9.628	16.0 B	12.7 B	125 B	282	289	87.3	306	46.4E	25.7	35.7	16.6 B	11
12	10.0 B	15.7 B	13.6 B	132 B	283	249	80.3	273	45.3E	25.0	35.9	12.5 B	12
13	14.2 B	16.3 B	12.8 B	129 B	324	338	78.4	253	44.2E	24.2	37.1	11.5 B	13
14	29.6 B	16.1 B	11.7 B	123 B	272	414	74.0	222	43.1E	23.8	36.6	11.1 B	14
15	32.2 B	14.6 B	11.8 B	132 B	233	309	72.2	185	42.0E	23.3	29.08	10.2 B	15
16	27.8 B	14.1 B	11.8 B	126	220	257	88.2	180	40.9E	22.6	23.68	9.808	16
17	22.7 B	16.2 B	11.8 B	124	181	223	87.7	141	39.8E	22.1	20.98	9.218	17
18	26.2 B	13.7 B	11.5 B	108	178	194	83.4	127	38.7E	22.2	19.18	9.388	18
19	30.6 B	13.6 B	10.5 B	93.6	178	181	83.6	113	37.6E	22.0	17.18	9.888	19
20	31.9 B	13.6 B	11.2 B	84.6	172	183	74.2	103	36.5E	21.4	23.18	10.1 B	20
21	28.8 B	12.2 B	11.2 B	80.2	168	201	88.7	144	35.4E	21.3	23.18	10.4 B	21
22	23.0 B	12.2 B	10.9 B	76.1	162	216	71.6	187	34.3E	21.2	26.48	12.0 B	22
23	22.0 B	12.4 B	10.5 B	74.0	158	195	76.5	141	33.2E	20.7	26.28	12.4 B	23
24	19.9 B	11.7 B	10.6 B	72.7	151	184	75.4	123	32.1A	19.7	22.78	12.5 B	24
25	19.3 B	11.9 B	10.1 B	71.3	163	134	71.4	110	31.8	20.2	21.78	12.8 B	25
26	20.4 B	11.8 B	10.2 B	71.6	189	122	70.7	99.8	30.6	20.5	25.68	12.7 B	26
27	19.1 B	10.8 B	11.1 B	87.6	226	128	82.0	92.7	29.3	22.1	24.68	12.3 B	27
28	18.2 B	9.728	11.2 B	70.6	287	129	84.1	85.3	30.5	22.8	24.68	11.8 B	28
29	16.7 B		11.0 B	103	300	131	80.8	80.1	29.6	22.5	23.68	11.6 B	29
30	13.6 B		10.5 B	166	298	127	73.8	76.8	28.0	41.1	23.38	11.4 B	30
31	13.7 B		10.3 B		288		75.7	75.2		115		11.2 B	31
TOTAL	559.22	395.72	339.98	2 548.3	7 282	6 582	2 662.0	7 205.1	1 329.0	682.2	1 084.8	437.13	TOTAL
MEAN	18.0	14.1	11.0	84.9	235	220	85.5	232	44.3	27.6	35.2	14.1	MEAN
MAX	32.2	17.6	13.6	166	324	414	128	1 080	71.7	115	85.2	23.4	MAX
MIN	9.42	9.72	9.00	12.4	151	122	67.7	75.2	28.0	19.7	17.1	9.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.8
MAXIMUM DAILY, 1 080 ON AUG 2
MINIMUM DAILY, 9.008 ON MAR 5
MAXIMUM INSTANTANEOUS,
1 190 AT 15:00 MST ON AUG 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 20 N
LONG 118 48 10 W
DRAINAGE AREA, 11 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 300	JUL	232 000
FEB	34 200	AUG	623 000
MAR	29 400	SEP	115 000
APR	220 000	OCT	74 500
MAY	629 000	NOV	83 700
JUN	570 000	DEC	37 800

TOTAL DISCHARGE, 2 710 000 dam³

WARE COULEE ABOVE MATZHIWIN CREEK - STATION NO. 05CJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.087	2.07	0.832	0.598	0.883	0.933	0.132	---	1
2	---	---	---	---	0.053	1.83	0.853	1.02	0.818	0.884	0.128	---	2
3	---	---	---	---	0.066	1.83	0.841	1.01	0.831	0.906	0.122	---	3
4	---	---	---	---	0.033	1.82	1.48	0.897	0.828	0.801	0.112	---	4
5	---	---	---	---	0.024	0.808	1.56	1.03	0.535	0.781	0.112	---	5
6	---	---	---	---	0.030	0.311	1.49	0.592	0.482	0.834	0.108	---	6
7	---	---	---	---	0.018	0.212	1.71	0.398	0.424	0.388	0.099	---	7
8	---	---	---	---	0.288	0.141	1.80	0.692	0.388	0.280	0.095	---	8
9	---	---	---	---	0.380	0.408	1.42	0.787	0.382	0.442	0.093	---	9
10	---	---	---	---	0.217	0.188	0.822	1.24	0.414	1.85	0.093	---	10
11	---	---	---	---	0.228	0.208	0.722	0.448	0.486	2.53	0.088	---	11
12	---	---	---	---	0.108	0.241	0.782	0.332	0.565	2.47	0.088	---	12
13	---	---	---	---	0.778	0.055	0.814	0.398	0.598	2.21	0.083	---	13
14	---	---	---	---	0.875	0.200	0.812	0.855	0.738	2.32	0.080	---	14
15	---	---	---	---	0.381	0.782	0.487	1.85	0.801	2.38	0.080	---	15
16	---	---	---	---	0.380	0.898	0.259	2.41	0.718	2.43	0.078	---	16
17	---	---	---	---	0.878	1.85	0.481	2.78	0.818	2.01	0.0808	---	17
18	---	---	---	---	0.284	2.32	0.886	1.77	0.807	0.826	0.0408	---	18
19	---	---	---	---	0.012	1.80	1.79	1.42	0.523	0.861	0.032	---	19
20	---	---	---	---	0.308	0.971	2.01	0.810	0.806	0.385	0.036	---	20
21	---	---	---	---	0.274	1.38	1.38	0.533	0.836	0.222	0.057	---	21
22	---	---	---	---	0.220	1.82	0.980	0.282	0.803	0.187	0.075	---	22
23	---	---	---	---	0.272	1.94	0.600	0.121	0.598	0.134	0.072	---	23
24	---	---	---	---	0.207	2.12	0.483	0.180	0.555	0.123	0.072	---	24
25	---	---	---	---	0.710	2.80	0.857	0.348	0.473	0.335	0.070	---	25
26	---	---	---	---	1.04	2.13	1.12	0.467	0.508	0.363	0.084A	---	26
27	---	---	---	---	1.23	1.58	0.947	0.581	0.538	0.248	0.084E	---	27
28	---	---	---	---	1.30	1.11	0.495	0.598	0.703	0.188	0.084E	---	28
29	---		---	---	1.41	0.873	0.389	0.630	0.804	0.185	0.084E	---	29
30	---		---	---	1.80	0.808	0.482	0.538	1.08	0.148	0.084E	---	30
31	---		---	0.088A	2.12		0.788	0.580		0.139		---	31
TOTAL	---	---	---	---	15.670	34.159	29.332	28.111	18.183	28.306	2.443	---	TOTAL
MEAN	---	---	---	---	0.505	1.14	0.946	0.842	0.606	0.913	0.081	---	MEAN
MAX	---	---	---	---	2.12	2.80	2.01	2.78	1.08	2.53	0.132	---	MAX
MIN	---	---	---	---	0.012	0.055	0.259	0.121	0.382	0.123	0.032	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.825
MAXIMUM DAILY, 2.78 ON AUG 17
MINIMUM DAILY, 0.012 ON MAY 19

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 45 N
LONG 111 48 55 W
DRAINAGE AREA, 93.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 830
FEB	---	AUG	2 280
MAR	---	SEP	1 670
APR	---	OCT	2 450
MAY	1 380	NOV	211
JUN	2 950	DEC	---

TOTAL DISCHARGE, 13 100 dam³

WASKAHIGAN RIVER NEAR THE MOUTH - STATION NO. 07EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7538	0.6348	0.4758	0.9048	4.14	3.34	1.00	18.9	3.20	1.11	0.7158	0.6328	1
2	0.8408	0.6348	0.4908	0.9288	4.38	2.87	0.995	81.3	3.44	1.08	0.6308	0.6488	2
3	0.8328	0.6028	0.4808	1.11 B	4.53	2.80	1.04	94.9	4.78	1.08	0.6488	0.6278	3
4	0.8968	0.6368	0.4808	1.04 B	4.38	2.34	1.10	84.4	5.20	1.12	0.5988	0.5968	4
5	0.8568	0.5848	0.4858	1.28 B	4.27	2.18	0.878	49.5	5.81	1.13	0.6038	0.5188	5
6	0.8728	0.6028	0.4858	1.71 B	4.50	2.31	0.847	26.8	4.88	1.22	0.5988	0.4808	6
7	0.7788	0.5958	0.4808	2.83 B	4.64	3.40	0.845	17.5	3.97	1.35	0.5788	0.4258	7
8	0.7048	0.6818	0.4808	8.04 B	4.29	3.19	0.989	12.8	3.48	1.30	0.5148	0.4158	8
9	0.7788	0.8978	0.4858	8.30 B	4.14	2.86	1.07	10.0	3.18	1.24	0.5488	0.4008	9
10	0.7848	0.7328	0.4508	7.37 B	4.88	2.29	1.10	9.96	2.92	1.18	0.5208	0.4158	10
11	0.8088	0.7488	0.3908	8.77 B	4.82A	2.08	1.24	15.4	2.73	1.15	0.5208	0.3808	11
12	0.8408	0.7118	0.3558	8.27 B	4.74A	1.88	1.27	16.9	2.87	1.08	0.5068	0.3308	12
13	0.7848	0.6768	0.3708	8.45 B	4.70A	1.71	1.20	16.0	2.50	1.05	0.5868	0.2958	13
14	0.7688	0.7388	0.4108	8.15 B	4.63A	1.58	1.03	13.4	2.39	1.04	0.5008	0.2558	14
15	0.8568	0.8978	0.3888	8.12 B	4.44A	1.48	0.875	10.8	2.40	0.993	0.5788	0.2308	15
16	0.7648	0.6278	0.4158	8.26 B	4.30E	1.38	0.818	8.43	3.28	0.954	0.5308	0.2068	16
17	0.8618	0.5638	0.4108	7.56 B	4.28E	1.33	0.872	7.36	2.44	0.944	0.5128	0.1908	17
18	0.8038	0.5178	0.4408	6.41 B	4.35E	1.31	0.814	6.85A	2.09	0.948	0.5368	0.1858	18
19	0.6428	0.5748	0.4358	5.00 B	4.72A	1.23	0.771	6.55A	1.85	0.939	0.5428	0.1908	19
20	0.8588	0.6008	0.3808	5.86	5.20	1.28	0.778	6.40	1.76	0.936	0.5488	0.2008	20
21	0.8588	0.8478	0.3758	5.73	8.06	1.38	0.910	8.80	1.85	0.956	0.5828	0.2388	21
22	0.7348	0.8858	0.3908	4.78	5.95	2.08	0.881	14.3	1.89	0.884	0.6828	0.2158	22
23	0.7468	0.8678	0.3868	4.48	6.07	2.36	0.784	11.7	1.54	0.8248	0.6828	0.2108	23
24	0.7758	0.5958	0.4088	4.41	5.84	2.07	0.721	9.20	1.48	0.7398	0.6978	0.2268	24
25	0.7228	0.4858	0.3478	4.06	5.35	1.79	0.672	7.32	1.43	0.7728	0.6978	0.2588	25
26	0.7428	0.6408	0.3348	3.89	4.88	1.90	0.782	8.19	1.38	0.7188	0.7188	0.2808	26
27	0.7408	0.6408	0.3208	3.88	4.08	1.49	0.889	9.18	1.30	0.6528	0.7328	0.2408	27
28	0.7258	0.6458	0.3048	3.57	3.54	1.38	0.777	4.86	1.28	0.7218	0.6978	0.2208	28
29	0.7388		0.3268	3.88	3.59	1.18	1.08	4.07	1.21	0.7458	0.6828	0.2008	29
30	0.7118		0.4458	3.88	3.81	1.10	1.84	3.88	1.14	0.8948	0.6828	0.1908	30
31	0.7048		0.8308		3.82		2.45	3.38		0.8978		0.1808	31
TOTAL	23.259	17.081	13.178	148.703	142.85	58.78	31.089	580.12	78.47	30.218	18.852	10.007	TOTAL
MEAN	0.750	0.610	0.425	4.88	4.60	1.96	1.00	18.7	2.88	0.975	0.628	0.323	MEAN
MAX	0.898	0.748	0.830	8.15	8.07	3.40	2.45	94.9	5.20	1.28	0.732	0.848	MAX
MIN	0.803	0.440	0.304	0.904	3.54	1.10	0.672	3.38	1.14	0.852	0.512	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.15
MAXIMUM DAILY, 94.9 ON AUG 3
MINIMUM DAILY, 0.1808 ON DEC 31
MAXIMUM INSTANTANEOUS,
128 AT 04:00 MST ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 45 03 N
LONG 117 12 20 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 010	JUL	2 680
FEB	1 480	AUG	80 100
MAR	1 140	SEP	8 870
APR	12 700	OCT	2 810
MAY	12 300	NOV	1 830
JUN	5 080	DEC	885

TOTAL DISCHARGE, 93 500 dam³

WASKASOO CREEK AT RED DEER - STATION NO. 05CC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	4.01 B	0.841E	0.050E	0.020E	0.133	0.168E	0.008E	0.033E	---	1
2	---	---	0.0108	3.89 B	0.751E	0.014	0.019	0.083	0.015	0.009	0.034E	---	2
3	---	---	0.0108	3.80 B	0.821	0.032	0.017	0.021	1.01	0.008	0.034E	---	3
4	---	---	0.0508	4.07 B	0.821	0.031E	1.17	0.838	0.700E	0.013	0.035	---	4
5	---	---	0.0848	4.04	0.868	0.028E	0.084	0.060	0.300E	0.012E	---	---	5
6	---	---	0.0848	4.14	0.485	0.026E	0.068E	0.020	0.700E	0.010E	---	---	6
7	---	---	0.1548	3.18	0.485	0.027E	0.068E	0.020	0.084E	0.010	---	---	7
8	---	---	0.1678	2.18	0.297	0.028E	0.081	0.065	0.068E	0.810E	---	---	8
9	---	---	0.1578	1.82	0.262E	0.024E	0.063E	0.078E	0.052E	0.010E	---	---	9
10	---	---	0.1478	1.86 E	0.266E	0.023E	0.074E	0.088E	0.035E	0.010E	---	---	10
11	---	---	0.1378	1.89	0.261	0.022E	0.068E	0.117	0.025E	0.010E	---	---	11
12	---	---	0.1268	1.73 E	0.214	0.021E	0.066E	0.089E	0.020E	0.009E	---	---	12
13	---	---	0.1018	1.56 E	0.207	0.019E	0.060E	0.081E	0.015	0.009E	---	---	13
14	---	---	0.0868	1.42	0.214	0.018E	0.042E	0.064	0.014	0.009E	---	---	14
15	---	---	0.0938	1.36 E	0.240E	0.017E	0.034E	0.021	0.014	0.009	---	---	15
16	---	---	0.0868	1.29 E	0.266E	0.016E	0.026E	0.021E	0.014	0.010	---	---	16
17	---	---	0.1808	1.23 E	0.292E	0.014E	0.018	0.021E	0.013	0.012	---	---	17
18	---	---	0.2008	1.18	0.318E	0.013	0.086	0.021E	0.013	0.014	---	---	18
19	---	---	0.1858	1.23	0.344	0.052E	0.086E	0.021E	0.013	0.016E	---	---	19
20	---	---	0.1308	0.880	0.280	0.091	0.086E	0.020E	0.012E	0.016E	---	---	20
21	---	---	0.0758	1.02	0.231E	0.018	0.086	0.020E	0.012	0.020E	---	---	21
22	---	---	0.0608	1.46	0.203	0.017E	0.082	0.020E	0.011	0.021E	---	---	22
23	---	---	0.0808	1.37 E	0.177E	0.016E	0.059	0.020E	0.011	0.023E	---	---	23
24	---	---	0.1868	1.26	0.151E	0.014	0.027	0.020	0.008	0.025E	---	---	24
25	---	---	0.1838	0.869	0.126E	0.013	1.42	0.020	0.011	0.027E	---	---	25
26	---	---	0.2308	0.588	0.098	0.013	0.986E	0.018	0.011	0.028E	---	---	26
27	---	---	0.1808	0.840E	0.101	0.261	0.487E	0.018	0.011	0.030	---	---	27
28	---	---	0.1858	0.980E	0.226	0.022	0.018	0.020	0.011E	0.031E	---	---	28
29	---		1.14 B	1.14	0.111	0.021E	0.017	0.088	0.010E	0.031E	---	---	29
30	---		0.8278	1.01 E	0.111	0.021E	0.104	0.527E	0.010E	0.032E	---	---	30
31	---		2.26 B		0.088		0.060	0.356E		0.033E		---	31
TOTAL	---	---	7.589	58.134	8.804	0.973	8.839	3.381	2.809	0.519	---	---	TOTAL
MEAN	---	---	0.245	1.87	0.310	0.032	0.182	0.109	0.094	0.017	---	---	MEAN
MAX	---	---	2.26	4.84	0.881	0.261	1.42	0.838	1.01	0.033	---	---	MAX
MIN	---	---	0.010	0.588	0.088	0.013	0.017	0.018	0.008	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 4.84 ON APR 5
MINIMUM DAILY, 0.008 ON SEP 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 07 N
LONG 113 47 52 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	487
FEB	---	AUG	293
MAR	886	SEP	243
APR 5	110	OCT	44.8
MAY	830	NOV	---
JUN	84.1	DEC	---

TOTAL DISCHARGE, 7 750 dam³

WASKATENAU CREEK NEAR WASKATENAU - STATION NO. 05EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.388	0.032	0.001	0.044	0.001	0.800E	---	---	1
2	---	---	0B	0 B	0.356	0.026	0.001	0.047	0.001	0.400E	---	---	2
3	---	---	0B	0.0438	0.327	0.024	0.001	0.050	0.001	0.100E	---	---	3
4	---	---	0B	0.2988	0.288	0.020	0.001	0.047	0.044	0.030E	---	---	4
5	---	---	0B	0.8338	0.270	0.017	0.001	0.038	0.037	0.020E	---	---	5
6	---	---	0B	0.8238	0.252	0.015	0.001	0.028	0.001	0.010E	---	---	6
7	---	---	0B	1.33 B	0.234	0.013	0.001	0.017	0.001	0.009E	---	---	7
8	---	---	0B	2.24 B	0.216	0.011	0.001	0.008	0.001	0.007E	---	---	8
9	---	---	0B	3.21 B	0.198	0.009	0.001	0.003	0.001	0.006E	---	---	9
10	---	---	0B	2.67 B	0.180	0.007	0.001	0.006	0.001	0.005E	---	---	10
11	---	---	0B	2.83 B	0.180	0.006	0.001	0.011	0.001	0.003E	---	---	11
12	---	---	0B	2.86	0.140	0.005	0.001	0.010	0.001	0.002E	---	---	12
13	---	---	0B	2.71	0.120	0.005	0.001	0.006	0.039	0.001E	---	---	13
14	---	---	0B	2.43	0.100	0.004	0.001	0.001	0.013	0.001E	---	---	14
15	---	---	0B	2.22	0.080	0.004	0.001	0.001	0.001	0.001E	---	---	15
16	---	---	0B	2.04	0.065	0.020	0.001	0.001	0.001	0.001E	---	---	16
17	---	---	0B	1.88	0.080	0.005	0.001	0.001	0.001	0.001E	---	---	17
18	---	---	0B	1.71	0.045	0.001	0.001	0.001	0.001	0.001E	---	---	18
19	---	---	0B	1.53	0.103	0.001	0.001	0.001	0.004	0.001E	---	---	19
20	---	---	0B	1.37	0.145	0.001	0.001	0.001	0.034	0.001E	---	---	20
21	---	---	0B	1.24	0.135	0.001	0.001	0.001	0.008	0.002E	---	---	21
22	---	---	0B	1.12	0.142	0.001	0.001	0.001	0.005	0.002E	---	---	22
23	---	---	0B	1.01	0.118	0.001	0.004	0.001	0.008	0.002E	---	---	23
24	---	0B	0B	0.920	0.080	0.001	0.010	0.001	0.014	0.003E	---	---	24
25	---	0B	0B	0.814	0.125	0.001	0.010	0.001	0.048	0.004E	---	---	25
26	---	0B	0B	0.706	0.052	0.001	0.007	0.001	0.139	0.005E	---	---	26
27	---	0B	0B	0.618	0.055	0.001	0.003	0.001	0.105	0.006E	---	---	27
28	---	0B	0B	0.586	0.050	0.001	0.001	0.001	0.263	0.007E	---	---	28
29	---		0B	0.517	0.045	0.001	0.001	0.001	0.280	0.008A	---	---	29
30	---		0B	0.414	0.040	0.001	0.001	0.001	0.500E	0.008E	---	---	30
31	---		0B		0.036		0.014	0.001		0.008E		---	31
TOTAL	---	---	0	41.292	4.828	0.239	0.073	0.335	1.548	1.455	---	---	TOTAL
MEAN	---	---	0	1.38	0.148	0.008	0.002	0.011	0.052	0.047	---	---	MEAN
MAX	---	---	0	3.21	0.388	0.032	0.014	0.050	0.500	0.800	---	---	MAX
MIN	---	---	0	0	0.036	0.001	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.302
MAXIMUM DAILY, 3.218 ON APR 9
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 23 N
LONG 112 46 58 W
DRAINAGE AREA, 312 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.31
FEB	---	AUG	28.8
MAR	0	SEP	133
APR 3	570	OCT	128
MAY	389	NOV	---
JUN	30.8	DEC	---

TOTAL DISCHARGE, 4 280 dam³

WATERTON - BELLY DIVERSION CANAL - STATION NO. 05AD027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0E	0	0	52.0	37.2	24.4	14.3	30.3	0	0E	1
2	0E	0E	0E	0	0	50.7	37.0	24.5	14.3	29.0	0	0E	2
3	0E	0E	0E	0	0	50.4	36.7	24.5	14.3	27.7	0A	0E	3
4	0E	0E	0E	0	0	47.0	36.5	24.4	14.3	26.3	0E	0E	4
5	0E	0E	0E	0	0	46.9	36.3	24.4	14.2	24.9	0E	0E	5
6	0E	0E	0E	0	1.54	44.8	36.0	24.4	14.1	23.2	0E	0E	6
7	0E	0E	0E	0	18.7 A	44.7	35.8	24.3	14.1	21.6	0E	0E	7
8	0E	0E	0E	0	23.0 A	44.6	35.8	24.3	14.0	22.5	0E	0E	8
9	0E	0E	0E	0	33.6 A	44.8	35.2	24.2	13.8	22.2	0E	0E	9
10	0E	0E	0E	0	39.6 A	44.8	35.0	24.2	13.7	19.6	0E	0E	10
11	0E	0E	0E	0	46.2 A	44.7	34.7	24.1	13.6	16.5	0E	0E	11
12	0E	0E	0E	0	46.6 A	44.7	34.4	24.0	13.5	13.2	0E	0E	12
13	0E	0E	0E	0	47.9	44.7	34.1	24.0	13.3	9.12	0E	0E	13
14	0E	0E	0E	0	48.6	44.8	33.8	24.0	13.2	5.17	0E	0E	14
15	0E	0E	0E	0	48.7	44.8	33.4	24.0	13.0	2.82	0E	0E	15
16	0E	0E	0E	0	48.7	44.8	33.1	24.0	12.9	0.884	0E	0E	16
17	0E	0E	0E	0	48.8	44.8	32.8	24.0	16.2	0.193	0E	0E	17
18	0E	0E	0E	0	48.7	44.4	32.6	24.0	28.1	0.078	0E	0E	18
19	0E	0E	0E	0	48.7	41.8	32.9	23.9	34.7	0	0E	0E	19
20	0E	0E	0E	0	48.7	36.8	33.2	19.7	34.1	0	0E	0E	20
21	0E	0E	0E	0	48.8	38.4	33.5	14.1	33.5	0	0E	0E	21
22	0E	0E	0E	0	51.5	34.7	34.1	14.1	32.6	0	0E	0E	22
23	0E	0E	0E	0A	53.0	30.7	34.7	14.2	32.2	0	0E	0E	23
24	0E	0E	0E	0	52.6	30.7	29.2	14.2	31.6	0	0E	0E	24
25	0E	0E	0	0	52.4	30.8	23.7	14.2	33.6	0	0E	0E	25
26	0E	0E	0	0	52.0	30.8	24.0	14.3	35.2	0	0E	0E	26
27	0E	0E	0	0	51.9	30.6	24.2	14.3	34.3	0	0E	0E	27
28	0E	0E	0	0	52.6	30.5	24.2	14.3	33.3	0	0E	0E	28
29	0E		0	0	53.4	34.6	24.3	14.3	32.3	0	0E	0E	29
30	0E		0	0	53.6	37.5	24.5	14.3	31.3	0	0E	0E	30
31	0E		0		54.2		24.5	14.3		0		0E	31
TOTAL	0	0	0	0	1 174.24	1 234.0	997.1	635.8	663.8	295.176	0	0	TOTAL
MEAN	0	0	0	0	37.9	41.1	32.2	20.5	22.1	9.52	0	0	MEAN
MAX	0	0	0	0	54.2	52.0	37.2	24.5	35.2	30.3	0	0	MAX
MIN	0	0	0	0	0	30.5	23.7	14.1	12.9	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 54.2 ON MAY 31
MINIMUM DAILY, 0E ON JAN 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 20 N
LONG 113 38 10 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	88 100
FEB	0	AUG	54 900
MAR	0	SEP	57 400
APR	0	OCT	25 500
MAY	101 000	NOV	0
JUN	107 000	DEC	0

TOTAL DISCHARGE 432 000 dam³

WATERTON LAKE AT WATERTON PARK - STATION NO 05AD025

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1279.538E	1279.357	1278.788	1278.826	1278.650	1278.355	1278.230	1278.220	1
2	---	---	---	---	1279.586	1279.269	1278.773	1278.871	1278.634	1278.350	1278.236	1278.222	2
3	---	---	1278.344	---	1279.600	1279.226	1278.758	1278.832	1278.615	1278.344	1278.243	1278.225	3
4	---	---	---	---	1279.482	1279.172	1278.743	1278.789	1278.603	1278.335	1278.226	1278.234	4
5	1278.350	---	---	---	1279.405	1279.162	1278.746	1278.781	1278.591	1278.330	1278.228	1278.238	5
6	1278.388	---	---	1278.510	1279.368	1279.168	1278.730	1278.732	1278.581	1278.327	1278.225	1278.244	6
7	---	1278.330	---	---	1279.400	1279.218	1278.710	1278.707	1278.573	1278.324	1278.228	1278.259	7
8	---	---	---	---	1279.441	1279.232	1278.691	1278.681	1278.567	1278.318	1278.224	1278.259	8
9	---	---	---	---	1279.522	1279.241	1278.675	1278.661	1278.543	1278.322	1278.225	1278.263	9
10	---	1278.318	---	---	1279.594	1279.242	1278.679	1278.642	1278.532	1278.319	1278.230	1278.262	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	1278.582	1279.222	1278.671	1278.642	1278.520	1278.311	1278.225	1278.263	12
13	---	---	1278.530	1278.580	1278.586	1279.192	1278.656	1278.627	1278.510	1278.307	1278.215	1278.267	13
14	---	---	---	1278.580	1278.592	1279.159	1278.644	1278.608	1278.485E	1278.302	1278.218	---	14
15	---	1278.300	---	1278.580	1278.580	1279.145	1278.630	1278.636	1278.488	1278.300	1278.224	---	15
16	---	1278.330	---	1278.580	1278.531	1278.135	1278.616	1278.656	1278.475E	1278.301	1278.222	1278.310	16
17	---	---	---	1278.7108	1278.500	1278.141	1278.602	1278.682	1278.483	1278.304	1278.222	---	17
18	---	---	1278.520	1278.770	1278.484	1278.126	1278.611	1278.686	1278.467E	1278.287	1278.221	---	18
19	---	---	---	1278.690	1278.411	1278.083	1278.675	1278.685	1278.448	1278.285	1278.218	---	19
20	---	---	---	1278.650	1278.340	1278.081	1278.635	1278.682	1278.424E	1278.283	1278.210	---	20
21	---	---	---	1278.585	1278.250	1278.074	1278.611	1278.654	1278.401	1278.284	1278.218	---	21
22	---	---	---	1278.970	1278.184	1278.054	1278.951	1278.636	1278.387	1278.275	1278.210	---	22
23	---	---	---	1278.950	1278.136	1278.026	1278.116	1278.626	1278.381	1278.273	1278.204	---	23
24	---	---	---	1278.970	1278.081	1278.863	1279.363	1278.616	1278.382	1278.273	1278.206	---	24
25	---	---	---	1278.870	1278.033	1278.844	1278.388	1278.645	1278.378	1278.283	1278.214	---	25
26	---	---	---	1278.980	1278.012	1278.802	1279.338	1278.670	1278.374	1278.280	1278.188	---	26
27	1278.380	---	---	1279.000	1278.044	1278.872	1279.272	1278.688	1278.388	1278.281	1278.201	---	27
28	---	---	---	1279.020	1279.258	1278.848	1279.208	1278.692	1278.374	1278.280	1278.194	---	28
29	---		---	1279.114	1279.442	1278.833	1279.142	1278.688	1278.384	1278.269	1278.194	---	29
30	---		---	1278.304	1279.447	1278.820	1279.068	1278.676	1278.389	1278.246	1278.198	---	30
31	---		---	1278.490	1279.407	1278.802	1279.031	1278.671	1278.358	1278.242	1278.204	---	31
MEAN	---	---	1278.444		1279.384		1278.978	1278.680		1278.242		---	MEAN
MAX	---	---	---	---	1278.395	1279.083	1278.671	1278.689	1278.477	1278.286	1278.217	---	MAX
MIN	---	---	---	---	1278.800	1279.357	1278.365	1278.926	1278.650	1278.355	1278.243	---	MIN
					1278.012	1278.802	1278.802	1278.806	1278.365	1278.242	1278.194	---	

WATER LEVELS IN METRES

MAXIMUM DAILY, 1278.800 ON MAY 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 12 N
LONG 113 54 18 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
401 km²

WATERTON RESERVOIR - STATION NO. 05AD026

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1178.838	1178.865	1178.870	1178.960	1181.170	1184.868	1183.831	1183.485	1183.102	1178.622	1170.412	1171.208	1
2	1178.838	1178.862	1178.871	1178.969	1181.367	1184.735	1183.880	1183.500	1183.068	1178.484	1170.447	1171.238	2
3	1178.848	1178.864	1178.864	1178.984	1181.423	1184.703	1183.532	1183.488	1182.888	1178.088	1170.482	1171.260	3
4	1178.857	1178.868	1178.818	1180.027	1181.424	1184.631	1183.384	1183.488	1182.788	1174.847	1170.516	1171.287	4
5	1178.881	1178.885	1178.880	1180.125	1181.507	1184.587	1183.186	1183.401	1182.858	1174.244	1170.580	1171.336	5
6	1178.882	1178.888	1178.878	1180.181	1181.732	1184.587	1183.040	1183.344	1182.583	1173.857	1170.580	1171.374	6
7	1178.842	1178.889	1178.888	1180.144	1181.882	1184.578	1182.870	1183.278	1182.477	1173.478	1170.610	1171.408	7
8	1178.826	1178.883	1178.852	1180.122	1182.008	1184.608	1183.882	1183.200	1182.342	1173.111	1170.637	1171.428	8
9	1178.828	1178.883	1178.844	1180.118	1182.327	1184.687	1182.810	1183.115	1182.101	1172.708	1170.684	1171.431	9
10	1178.855	1178.888	1178.848	1180.107	1182.733	1184.703	1182.328	1183.008	1181.888	1172.330	1170.696	1171.485	10
11	1178.887	1178.873	1178.854	1180.100	1183.204	1184.693	1182.188	1182.881	1181.832	1171.980	1170.724	1171.518	11
12	1178.923	1178.873	1178.867	1180.094	1183.606	1184.688	1181.978	1182.881	1181.409	1171.887	1170.783	1171.536	12
13	1178.915	1178.869	1178.874	1180.101	1183.887	1184.686	1181.787	1182.806	1181.188	1171.433	1170.783	1171.538	13
14	1178.888	1178.873	1178.883	1180.172	1184.296	1184.653	1181.606	1182.786	1180.977	1171.227	1170.814	1171.585	14
15	1178.877	1178.870	1178.878	1180.228	1184.381	1184.628	1181.381A	1182.818	1180.871	1171.081	1170.843	1171.583	15
16	1178.884	1178.888	1178.878	1180.288	1184.341	1184.681	1181.185E	1182.835	1180.404	1170.894	1170.870	1171.623	16
17	1178.882	1178.871	1178.872	1180.314	1184.335	1184.686	1181.075E	1182.839	1180.206A	1170.761	1170.886	1171.666	17
18	1178.852	1178.872	1178.873	1180.388	1184.337	1184.628	1181.081E	1182.802	1180.012E	1170.824	1170.900	1171.683	18
19	1178.862	1178.886	1178.888	1180.466	1184.313	1184.687	1181.084A	1182.784	1178.784E	1170.681	1170.931	1171.708	19
20	1178.884	1178.858	1178.886	1180.501	1184.377	1184.682	1181.308	1182.721	1178.444E	1170.358	1170.978	1171.731	20
21	1178.887	1178.880	1178.882	1180.532	1184.400	1184.638	1181.433	1182.718	1178.078E	1170.331	1171.018	1171.758	21
22	1178.884	1178.871	1178.882	1180.534	1184.383	1184.602	1181.788	1182.727	1178.748A	1170.318	1171.049	1171.784	22
23	1178.870	1178.874	1178.870	1180.545	1184.320	1184.601	1182.285	1182.728	1178.444	1170.284	1171.078	1171.810	23
24	1178.870	1178.885	1178.868	1180.557	1184.208	1184.384	1182.261	1182.784	1178.143	1170.272	1171.088	1171.829	24
25	1178.872	1178.881	1178.882	1180.580	1184.081	1184.369	1182.538	1182.837	1177.832	1170.254	1171.110	1171.851	25
26	1178.889	1178.853	1178.885	1180.588	1183.922	1184.328	1182.774	1182.824	1177.476	1170.238	1171.125	1171.878	26
27	1178.889	1178.854	1178.857	1180.585	1183.678	1184.268	1183.032	1182.883	1177.141	1170.251	1171.128	1171.907	27
28	1178.888	1178.856	1178.844	1180.628	1184.114	1184.200	1183.211	1183.052	1176.808	1170.278	1171.152	1171.940	28
29	1178.886		1178.832	1180.721	1184.388	1184.118	1183.338	1183.088	1176.478	1170.300	1171.174	1171.972	28
30	1178.885		1178.848	1180.831	1184.546	1183.976	1183.424	1183.122	1176.144	1170.340	1171.189	1171.987	30
31	1178.882		1178.855		1184.641		1183.480	1183.140		1170.378		1172.013	31
MEAN	1178.864	1178.865	1178.855	1180.317	1183.407	1184.508	1182.428	1183.018	1180.283	1171.788	1170.840	1171.624	MEAN
MAX	1178.923	1178.874	1178.889	1180.831	1184.641	1184.735	1183.831	1183.500	1183.102	1175.822	1171.189	1172.013	MAX
MIN	1178.826	1178.853	1178.870	1178.960	1181.170	1183.976	1181.081	1182.718	1176.144	1170.238	1170.412	1171.208	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1178.880
MAXIMUM DAILY, 1184.735 ON JUN 2
MINIMUM DAILY, 1170.238 ON OCT 26
MAXIMUM INSTANTANEOUS,
1184.747 AT 18:15 MST ON JUN 2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 18 N
LONG 113 40 52 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

DRAINAGE AREA,
1 270 km²

WATERTON RIVER NEAR GLENWOOD - STATION NO. 05AD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.308	3.458	4.108	8.588	89.5	8.74	1.71	3.15	6.94	3.50	1.88	1.558	1
2	5.158	3.908	4.508	8.27	86.0	10.8	1.88	3.25	13.5	5.15	1.86	1.708	2
3	5.958	4.458	5.058	10.8	83.5	12.9	1.56	3.29	13.6	11.3	1.85	1.908	3
4	5.808	4.708	5.50	14.0	77.5	12.9	1.52	3.31	13.6	11.3	1.88	1.87	4
5	5.898	4.858	7.40	21.7	55.8	10.3	1.82	3.34	13.5	11.3	1.84	1.82	5
6	5.358	4.958	9.00	25.6	40.9	2.26	1.55	3.36	13.3	11.3	1.83	1.78	6
7	5.108	5.058	9.11	24.1	45.4	1.91	1.80	3.37	13.2	11.3	1.82	1.86	7
8	5.008	5.108	8.76	22.2	39.3	1.88	1.59	3.37	17.8	11.3	1.80	1.858	8
9	5.058	5.158	8.22	20.8	20.5	1.84	1.59	3.36	26.4	11.2	1.78	2.208	9
10	5.208	5.158	8.32	19.7	13.8	3.40	1.88	3.43	25.2	11.0	1.78	1.708	10
11	5.458	5.158	8.51	19.4	2.46	8.72	1.82	3.86	23.7	10.8	1.77	1.558	11
12	5.758	5.158	8.56	18.2	2.14	7.03	1.81	3.81	22.3	10.8	1.77	1.508	12
13	6.158	4.958	9.32	16.4	1.84	1.91	1.81	3.84	20.8	10.6	1.77	1.858	13
14	5.408	4.738	9.72	10.2	14.1	1.72	1.48	3.83	21.7	11.5	1.77	1.708	14
15	3.608	4.608	9.86	12.6	31.8	1.72	1.43	3.72	29.7	14.2	1.77	1.778	15
16	2.758	4.458	9.56	15.0	35.0	1.87	1.48	3.72	22.4	14.0	1.808	1.808	16
17	2.258	4.408	9.47	17.1	30.7	1.83	1.65	3.87	16.5	13.8	1.208	1.808	17
18	2.408	4.508	9.22	20.3	25.9	1.78	2.14	3.87	13.2	13.9	1.408	1.758	18
19	2.608	4.358	10.1	23.7	17.3	2.00	2.77	3.81	4.20	13.9	1.708	1.748	19
20	3.308	4.108	9.93	26.6	2.38	1.88	1.87	3.39	3.81	11.9	2.09	1.728	20
21	3.858	4.008	9.63	28.6	2.20	1.72	1.81	3.30	3.54	8.28	1.71	1.888	21
22	4.058	3.908	9.31	29.6	1.94	1.57	14.6	3.29	3.50	6.25	1.87	1.858	22
23	4.008	3.758	8.93	30.4	1.88	1.58	71.7	3.29	3.48	6.20	1.858	1.808	23
24	3.858	3.588	8.61	31.0	1.90	1.81	58.5	3.80	3.47	6.08	1.708	1.578	24
25	3.858	3.508	8.308	31.3	1.88	1.81	20.8	3.83	3.48	6.00	1.708	1.588	25
26	3.688	3.208	8.008	31.6	2.07	1.81	14.0	3.48	3.81	6.01	1.858	1.858	26
27	3.808	2.958	7.008	32.2	2.28	1.81	3.14	3.41	3.88	3.82	1.858	1.708	27
28	3.488	3.208	6.208	34.0	2.35	1.88	3.16	3.39	3.50	3.31	1.408	1.628	28
29	3.308		6.008	35.8	3.38	1.80	3.12	3.37	3.51	3.23	1.358	1.408	28
30	3.208		7.808	52.5	8.58	1.87	3.21	3.34	3.49	2.11	1.408	1.208	30
31	3.188		8.108		8.74		3.34	4.27		1.87		1.188	31
TOTAL	135.73	121.35	251.85	696.53	745.07	114.43	229.78	108.34	374.59	275.55	50.94	51.93	TOTAL
MEAN	4.38	4.33	8.12	23.3	24.0	3.81	7.41	3.49	12.5	8.89	1.70	1.88	MEAN
MAX	6.30	5.15	10.1	52.5	93.5	12.9	71.7	4.27	29.7	14.2	2.09	2.20	MAX
MIN	2.25	2.95	4.10	8.58	1.88	1.57	1.43	3.15	3.48	1.87	1.20	1.15	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.85
MAXIMUM DAILY, 93.5 ON MAY 3
MINIMUM DAILY, 1.188 ON DEC 31
MAXIMUM INSTANTANEOUS,
96.4 AT 12:05 MST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 35 N
LONG 113 25 10 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 700	JUL	19 800
FEB	10 500	AUG	9 350
MAR	21 700	SEP	32 400
APR	60 400	OCT	23 800
MAY	64 400	NOV	4 400
JUN	9 900	DEC	4 480

TOTAL DISCHARGE, 273 000 dam³

WATERTON RIVER NEAR WATERTON PARK - STATION NO. 05AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.47	3.72	3.10	5.83	77.6	85.4	18.1	22.3	11.4	4.08	1.87	1.71	1
2	4.80	3.80	3.38	5.88	84.5	68.9	15.8	18.5	11.3	4.01	1.86	1.77	2
3	3.76	3.88	4.11	5.86	77.9	63.3	16.7	17.6	10.6	3.93	1.83	1.84	3
4	[illegible]	[illegible]	[illegible]	6.42	88.5	56.6	16.8	16.8	10.4	3.81	1.88	2.06	4
5	3.36	3.87	4.40	7.18	87.6	57.3	15.2	16.0	9.87	3.88	1.86	2.00	5
6	3.31	3.78	4.65	8.78	85.6	58.8	14.8	14.4	9.60	3.27	1.84	1.88	6
7	3.80B	3.38	4.91	8.84	86.3	60.3	14.1	13.7	9.37	3.44	1.84	2.27	7
8	4.00B	3.38	5.34	10.4	84.2	61.7	13.3	13.8	8.89	3.11	1.86	1.90	8
9	3.80B	3.38	5.84	10.9	70.8	62.5	12.7	11.7	8.87	3.03	1.89	3.08	9
10	3.48	3.42	6.44	11.3	75.8	62.6	12.9	11.1	8.39	3.20	1.77	3.73	10
11	6.23	3.47	6.61	11.9	76.3	61.1	13.0	12.2	8.07	3.07	1.72	3.72	11
12	3.78	3.54	7.08	11.7	78.5	58.3	12.6	11.5	7.78	3.60	1.87	1.84	12
13	3.06	3.45	7.14	12.0	78.3	56.6	12.0	10.8	7.40	3.59	1.80	3.91	13
14	3.88	3.54	7.31	11.7	78.3	54.8	11.5	12.1	7.27	2.82	1.87	4.30	14
15	3.72	3.46	7.11	12.4	76.3	54.3	10.8	12.9	7.18	2.57	1.89	3.14	15
16	3.08	3.55	7.00	13.3	68.1	54.4	10.5	13.2	6.83	3.13	1.56	2.78	16
17	3.84	3.78	7.01	15.2	65.8	53.0	11.1	13.2	6.41	2.52	1.86	2.75	17
18	3.15	3.58	6.82	19.2	60.0	50.3	10.8	12.9	6.14	2.42	1.77	2.71	18
19	3.85	3.68	7.23	21.8	53.8	50.0	23.9	12.7	5.79	2.36	1.89	2.81	19
20	3.88	3.78	7.18	22.7	47.6	39.6	23.2	12.6	5.84	2.63	1.82	2.58	20
21	3.73	3.93	7.01	22.5	42.4	28.9	24.0	11.5	5.26	3.48	1.76	2.87	21
22	3.76	3.89	6.96	22.3	38.3	27.4	38.4	11.3	5.05	2.24	1.72	2.48	22
23	3.89	3.81	6.81	22.4	33.9	25.2	49.6	11.2	4.82	2.30	1.46	2.40	23
24	3.86	3.80	6.86	22.8	30.6	22.6	49.3	12.9	4.88	2.83	1.63	2.49	24
25	3.85	3.84	6.76	23.2	28.4	21.1	45.1	13.9	4.87	2.82	1.73	2.57	25
26	3.58	3.88	6.82	24.3	31.2	19.8	39.4	14.2	4.80	2.33	1.91	2.46	26
27	3.80	3.89	6.86	26.3	47.8	18.8	35.1	14.1	4.84	2.28	2.96	2.41	27
28	3.89	3.11	6.38	30.7	64.5	18.1	31.3	13.6	4.77	2.43	1.91	3.37	28
29	3.76		6.88	42.2	68.6	17.7	28.4	12.9	4.49	2.11	1.82	3.25	29
30	3.58		6.88	60.9	80.6	16.9	26.9	12.6	4.38	1.93	1.80	3.23	30
31	3.76		6.86		58.3		23.8	13.1		1.70		2.26	31
TOTAL	101.43	74.96	190.41	531.26	1 885.7	989.6	578.4	418.1	214.76	87.11	51.86	78.30	TOTAL
MEAN	3.27	3.86	6.14	17.7	60.3	33.0	21.8	13.5	7.16	2.81	1.72	2.53	MEAN
MAX	6.47	3.11	7.31	60.9	84.5	85.4	49.6	22.3	11.4	4.08	2.96	4.30	MAX
MIN	2.48	3.38	3.10	5.83	28.4	16.9	10.5	10.8	4.38	1.70	1.46	1.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 84.5 ON MAY 2
MINIMUM DAILY, 1.46 ON NOV 23
MAXIMUM INSTANTANEOUS,
85.5 AT 08:50 MST ON MAY 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 50 N
LONG 113 50 20 W
DRAINAGE AREA, 814 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 780	JUL	58 700
FEB	6 480	AUG	36 200
MAR	18 500	SEP	18 600
APR	45 900	OCT	7 530
MAY	161 000	NOV	4 470
JUN	85 500	DEC	6 770

TOTAL DISCHARGE, 456 000 dam³

WEILLER CREEK NEAR WETASKIWIN - STATION NO. 05FA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.4048	0.006	0.005	0.005	0.218	0.004	0.003	0.002	---	1
2	---	---	0	B	0.4248	0.006	0.005	0.005	0.136	0.004	0.003	0.002	---	2
3	---	---	0	B	0.2708	0.008	0.005	0.005	0.110	0.036	0.003	0.002A	---	3
4	---	---	0	B	0.2508	0.007	0.008	0.004	0.049	0.128	0.003	---	---	4
5	---	---	0	B	0.2308	0.010	0.005	0.005	0.051	0.023	0.003	---	---	5
6	---	---	0	B	0.1868	0.007	0.005	0.005	0.078	0.013	0.003	---	---	6
7	---	---	0	B	0.1628	0.008	0.005	0.004	0.035	0.008	0.003	---	---	7
8	---	---	0	B	0.1728	0.008	0.004	0.005	0.013	0.005	0.003	---	---	8
9	---	---	0	B	0.1608	0.005	0.005	0.005	0.018	0.004	0.003	---	---	9
10	---	---	0	B	0.1308	0.005	0.005	0.008	0.045	0.004	0.003	---	---	10
11	---	---	0	B	0.1108	0.008	0.058	0.032	0.078	0.004	0.003	---	---	11
12	---	---	0	B	0.0608	0.005	0.034	0.010	0.028	0.004	0.003	---	---	12
13	---	---	0	B	0.0808	0.005	0.012	0.005	0.018	0.004	0.003	---	---	13
14	---	---	0	B	0.0408	0.005	0.008	0.004	0.012	0.004	0.003	---	---	14
15	---	---	0	B	0.0118	0.005	0.008	0.004	0.008	0.004	0.003	---	---	15
16	---	---	0	B	0.0118	0.005	0.007	0.004	0.006	0.004	0.003	---	---	16
17	---	---	0	B	0.0118	0.005	0.006	0.004	0.006	0.004	0.003	---	---	17
18	---	---	0	B	0.0118	0.005	0.005	0.004	0.006	0.004	0.003	---	---	18
19	---	---	0	B	0.0118	0.021	0.005	0.004	0.006	0.004	0.003	---	---	19
20	---	---	0	B	0.0138	0.144	0.008	0.027	0.012	0.003	0.003	---	---	20
21	---	---	0	B	0.0148	0.038	0.008	0.038	0.033	0.003	0.003	---	---	21
22	---	---	0	B	0.0148	0.013	0.007	0.008	0.084	0.003	0.071	---	---	22
23	---	---	0	B	0.012	0.008	0.028	0.004	0.013	0.003	0.011	---	---	23
24	---	---	0.0108		0.012	0.005	0.028	0.004	0.008	0.003	0.004	---	---	24
25	---	---	0.0308		0.010	0.007	0.013	0.004	0.007	0.003	0.003	---	---	25
26	---	0B	0.0908		0.008	0.007	0.008	0.004	0.008	0.003	0.003	---	---	26
27	---	0B	0.0878		0.006	0.005	0.005	0.004	0.005	0.003	0.002	---	---	27
28	---	0B	0.0938		0.007	0.005	0.005	0.004	0.005	0.003	0.002	---	---	28
29	---		0.0828		0.007	0.005	0.005	0.004	0.005	0.003	0.002	---	---	29
30	---		0.2748		0.008	0.005	0.005	0.004	0.005	0.003	0.002	---	---	30
31	---		0.4858			0.005		0.083	0.005		0.002	---	---	31
TOTAL	---	---	1.111		2.886	0.373	0.304	0.317	1.078	0.288	0.185	---	---	TOTAL
MEAN	---	---	0.036		0.093	0.012	0.010	0.010	0.035	0.010	0.006	---	---	MEAN
MAX	---	---	0.486		0.428	0.144	0.058	0.088	0.218	0.128	0.071	---	---	MAX
MIN	---	---	0		0.007	0.005	0.004	0.004	0.005	0.003	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.027
MAXIMUM DAILY, 0.4858 ON MAR 31
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 28 N
LONG 113 16 45 W
DRAINAGE AREA, 236 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	27.4
FEB	---	AUG	83.0
MAR	99.0	SEP	26.7
APR	249	OCT	14.3
MAY	32.2	NOV	---
JUN	28.3	DEC	---

TOTAL DISCHARGE, 684 dam³

WELCH CREEK TRIBUTARY NEAR LEEDALE - STATION NO. 05CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0438	0.8388	0.130	0.058	0.034	0.064	0.097	0.080E	0.082	---	1
2	---	---	0.0438	0.8888	0.182	0.050	0.032	0.074	0.108	0.088E	0.059	---	2
3	---	---	0.0448	0.8178	0.302	0.045	0.032	0.085	0.118	0.087E	0.088	---	3
4	---	---	0.1988	0.9438	0.188	0.043	0.047	0.070	0.128	0.088E	0.057A	---	4
5	---	---	0.4008	0.8248	0.144	0.040	0.054	0.085	0.136	0.085E	---	---	5
6	---	---	0.5008	0.4788	0.128	0.042	0.057	0.044	0.133	0.084E	---	---	6
7	---	---	0.4608	0.5618	0.110	0.040	0.047	0.027	0.125E	0.083E	---	---	7
8	---	---	0.2758	0.3628	0.100	0.037	0.048	0.023	0.110E	0.082E	---	---	8
9	---	---	0.2008	0.2318	0.083	0.036	0.049	0.027	0.125E	0.047	---	---	9
10	---	---	0.1658	0.2238	0.089	0.042	0.148	0.101	0.122E	0.047	---	---	10
11	---	---	0.1358	0.1588	0.088	0.046	0.085	0.108	0.115E	0.046	---	---	11
12	---	---	0.1158	0.1398	0.087	0.043	0.052	0.072	0.108E	0.080	---	---	12
13	---	---	0.1008	0.1538	0.106	0.038	0.042	0.058	0.101E	0.047	---	---	13
14	---	---	0.0808	0.1818	0.088	0.038	0.035	0.073	0.093E	0.081	---	---	14
15	---	---	0.0658	0.1438	0.076	0.032	0.042	0.108	0.085E	0.082	---	---	15
16	---	---	0.0808	0.128	0.077	0.047	0.038	0.078	0.083E	0.080	---	---	16
17	---	---	0.0558	0.135	0.074	0.062	0.041	0.082	0.080E	0.080	---	---	17
18	---	---	0.0508	0.127	0.089	0.054	0.041	0.048	0.075E	0.080	---	---	18
19	---	---	0.0498	0.108	0.089	0.044	0.054	0.041	0.073E	0.082	---	---	19
20	---	---	0.0498	0.102	0.114	0.042	0.078	0.034	0.071E	0.084	---	---	20
21	---	---	0.0488	0.118	0.141	0.048	0.085	0.028	0.070E	0.085	---	---	21
22	---	---	0.0488	0.123	0.137	0.071	0.233	0.043	0.069E	0.081	---	---	22
23	---	---	0.0488	0.110	0.108	0.083	0.283	0.033	0.068E	0.081	---	---	23
24	---	---	0.0788	0.104	0.091	0.051	0.217	0.045	0.087E	0.081	---	---	24
25	---	---	0.2328	0.113	0.084	0.042	0.155	0.054	0.088E	0.082	---	---	25
26	---	---	0.4008	0.104	0.078	0.038	0.226	0.068	0.085E	0.085	---	---	26
27	---	---	0.3508	0.116	0.070	0.033	0.178	0.072	0.084E	0.080	---	---	27
28	---	---	0.3008	0.124	0.082	0.038	0.116	0.068	0.083E	0.084	---	---	28
29	---		1.00 B	0.118	0.082	0.042	0.081	0.094	0.082E	0.057	---	---	29
30	---		1.75 B	0.129	0.080	0.040	0.085	0.081	0.081E	0.088	---	---	30
31	---		1.51 B		0.057		0.059	0.080		0.087		---	31
TOTAL	---	---	8.873	7.788	3.150	1.332	2.756	1.823	2.729	1.676	---	---	TOTAL
MEAN	---	---	0.286	0.259	0.102	0.044	0.089	0.082	0.091	0.084	---	---	MEAN
MAX	---	---	1.75	0.838	0.302	0.071	0.283	0.108	0.136	0.087	---	---	MAX
MIN	---	---	0.043	0.102	0.057	0.032	0.032	0.023	0.081	0.047	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.123
MAXIMUM DAILY, 1.75B ON MAR 30
MINIMUM DAILY, 0.023 ON AUG 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 25 N
LONG 114 34 24 W
DRAINAGE AREA, 53.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	186
MAR	787	SEP	236
APR	671	OCT	165
MAY	272	NOV	---
JUN	115	DEC	---

TOTAL DISCHARGE, 2 810 dam³

WEST ARROWWOOD CREEK NEAR ARROWWOOD - STATION NO. 05BM014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.217B	0.027	0.002	0	0.472	0.041	0.013	0.023	---	1
2	---	0 B	0.0018	0.207B	0.026	0.001	0	0.316	0.039	0.013	0.023	---	2
3	---	0 B	0.0028	0.274B	0.023	0.001	0	0.233	0.059	0.012	0.024A	---	3
4	---	0.006B	0.013B	0.288B	0.020	0	0	0.177	0.084	0.011	---	---	4
5	---	0.026B	0.025B	0.240B	0.017	0	0	0.133	0.058	0.011	---	---	5
6	---	0.048B	0.010B	0.208B	0.015	0	0	0.105	0.056	0.011	---	---	6
7	---	0.049B	0.001B	0.140B	0.013	0	0	0.083	0.045	0.012	---	---	7
8	---	0.091B	0 B	0.088	0.012	0	0	0.065	0.035	0.012	---	---	8
9	---	0.146B	0 B	0.088	0.011	0	0	0.059	0.029	0.012	---	---	9
10	---	0.112B	0 B	0.105	0.010	0	0	0.059	0.028	0.012	---	---	10
11	---	0.068B	0 B	0.095	0.010	0	0	0.059	0.026	0.013	---	---	11
12	---	0.044B	0 B	0.084	0.010	0	0	0.047	0.024	0.012	---	---	12
13	---	0.054B	0 B	0.075	0.008	0	0	0.038	0.020	0.012	---	---	13
14	---	0.091B	0 B	0.070	0.008	0	0	0.038	0.018	0.013	---	---	14
15	---	0.051B	0 B	0.083	0.007	0	0	0.101	0.018	0.018	---	---	15
16	---	0.030B	0 B	0.088	0.007	0	0	0.088	0.018	0.017	---	---	16
17	---	0.015B	0.005B	0.082	0.007	0	0	0.258	0.015	0.022	---	---	17
18	---	0.005B	0.004B	0.082	0.007	0	0	0.287	0.013	0.025	---	---	18
19	---	0 B	0.004B	0.088	0.008	0	0	0.237	0.015	0.024	---	---	19
20	---	0 B	0 B	0.047	0.008	0	0	0.280	0.015	0.022	---	---	20
21	---	0 B	0.001B	0.041	0.008	0	0	0.182	0.013	0.021	---	---	21
22	---	0 B	0.003B	0.038	0.008	0	0.001	0.151	0.012	0.021	---	---	22
23	---	0 B	0.008B	0.037	0.005	0	0.002	0.127	0.013	0.021	---	---	23
24	---	0 B	0.027B	0.035	0.005	0	0.008	0.108	0.011	0.022	---	---	24
25	---	0 B	0.018B	0.031	0.004	0	0.012	0.091	0.011	0.024	---	---	25
26	---	0.001B	0.144B	0.027	0.004	0	0.477	0.073	0.012	0.024	---	---	26
27	---	0 B	0.180B	0.025	0.004	0	1.07	0.065	0.015	0.023	---	---	27
28	0B	0 B	0.144B	0.024	0.004	0	7.10	0.062	0.014	0.021	---	---	28
29	0B		0.112B	0.023	0.003	0	3.41	0.054	0.014	0.022	---	---	29
30	0B		0.120B	0.023	0.002	0	1.41	0.051	0.014	0.023	---	---	30
31	0B		0.242B		0.002		0.785	0.046		0.023		---	31
TOTAL	---	0.841	1.108	2.800	0.286	0.004	14.255	4.211	0.759	0.539	---	---	TOTAL
MEAN	---	0.030	0.036	0.093	0.010	0	0.480	0.136	0.025	0.017	---	---	MEAN
MAX	---	0.146	0.242	0.274	0.027	0.002	7.10	0.472	0.084	0.025	---	---	MAX
MIN	---	0	0	0.023	0.002	0	0	0.046	0.011	0.011	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 7.10 ON JUL 28
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
7.88 AT 10:13 MST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 50 N
LONG 113 14 00 W
DRAINAGE AREA, 775 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 230
FEB	72.7	AUG	364
MAR	95.6	SEP	65.8
APR	242	OCT	46.6
MAY	25.8	NOV	---
JUN	0.38	DEC	---

TOTAL DISCHARGE, 2 140 dam³

WEST ARROWWOOD CREEK NEAR ENSIGN - STATION NO. 05BM018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.005	0.001	0	0	0	0.002	0.001	0.003	---	1
2	---	0B	0 B	0.005	0.001	0	0	0	0.001	0.001	0.002A	---	2
3	---	0B	0 B	0.005	0.001	0	0	0	0.004	0.001	---	---	3
4	---	0B	0.001B	0.004	0.001	0	0	0	0.004	0.001	---	---	4
5	---	0B	0.002B	0.004	0.001	0	0	0	0.003	0.001	---	---	5
6	---	0B	0.003B	0.004	0.001	0	0	0	0.003	0.001	---	---	6
7	---	0B	0.003B	0.003	0	0	0	0	0.003	0.001	---	---	7
8	---	0B	0.002B	0.002	0	0	0	0	0.002	0.001	---	---	8
9	---	0B	0.001B	0.003	0	0	0	0	0.002	0.001	---	---	9
10	---	0B	0 B	0.002	0	0	0	0	0.002	0.001	---	---	10
11	---	0B	0 B	0.002	0	0	0	0.001	0.001	0.001	---	---	11
12	---	0B	0 B	0.002	0	0	0	0.002	0.001	0.001	---	---	12
13	---	0B	0.001B	0.002	0	0	0	0.004	0.001	0.001	---	---	13
14	---	0B	0.001B	0.002	0	0	0	0.007	0.001	0.001	---	---	14
15	---	0B	0.002B	0.002	0	0	0	0.008	0.001	0.001	---	---	15
16	---	0B	0.001B	0.001	0	0	0	0.005	0.001	0.001	---	---	16
17	---	0B	0.001B	0.001	0	0	0	0.005	0.001	0.002	---	---	17
18	---	0B	0 B	0.001	0	0	0	0.005	0.001	0.002	---	---	18
19	---	0B	0 B	0.001	0	0	0	0.004	0.001	0.002	---	---	19
20	---	0B	0 B	0.001	0	0	0	0.004	0.001	0.002	---	---	20
21	---	0B	0.001B	0.001	0	0	0	0.004	0.001	0.002	---	---	21
22	---	0B	0 B	0.001	0	0	0	0.003	0.001	0.002	---	---	22
23	---	0B	0 B	0.001	0	0	0	0.003	0.001	0.002	---	---	23
24	---	0B	0 B	0.001	0	0	0	0.003	0.001	0.002	---	---	24
25	---	0B	0.001B	0.001	0	0	0 150	0.003	0.001	0.002	---	---	25
26	---	0B	0.001B	0.001	0	0	0.017	0.003	0.001	0.002	---	---	26
27	---	0B	0.001B	0.001	0	0	0.003	0.002	0.001	0.003	---	---	27
28	0B	0B	0.001B	0.001	0	0	0.002	0.002	0.001	0.003	---	---	28
29	0B		0.003B	0.001	0	0	0.001	0.002	0.001	0.003	---	---	29
30	0B		0.00B	0.001	0	0	0.001	0.002	0.001	0.003	---	---	30
31	0B		0.00B		0		0	0.002		0.003		---	31
TOTAL	---	0	0.037	0.082	0.008	0	0.174	0.072	0 048	0.051	---	---	TOTAL
MEAN	---	0	0.001	0.002	0	0	0.008	0.002	0.002	0.002	---	---	MEAN
MAX	---	0	0.00B	0.00B	0.001	0	0.150	0.007	0.004	0.003	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.150 ON JUL 25
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
2.13 AT 19:10 MST ON JUL 25

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 50 N
LONG 113 20 35 W
DRAINAGE AREA, 29.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15.0
FEB	0	AUG	6.22
MAR	3.20	SEP	3.97
APR	5.36	OCT	4.41
MAY	0.52	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 38.7 dam³

WEST PRAIRIE RIVER NEAR HIGH PRAIRIE - STATION NO 07BF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1688	0.1548	0.1128	1.498	7.01	6.24 A	1.41	0.825	2.89	0.503	0.490	0.1618	1
2	0.1588	0.1548	0.1088	1.418	7.07	8.49 A	1.30	0.822	2.75	0.536	0.4108	0.2088	2
3	0.1558	0.1488	0.0958	1.678	10.7	5.96 A	1.11	1.06	2.75	0.586	0.476	0.2308	3
4	0.1618	0.1548	0.0908	3.388	14.6	5.62 A	0.845	0.885	5.07	0.682	0.4868	0.2308	4
5	0.1548	0.1508	0.0858	3.418	12.0	5.34 A	0.732	1.74	7.83	0.697	0.501	0.2028	5
6	0.1488	0.1678	0.0808	3.848	9.84	5.55 A	0.654	2.06	5.45	0.807	0.4388	0.0858	6
7	0.1428	0.1748	0.0758	3.788	8.30	5.00 A	0.592	1.80	5.23	0.822	0.423	0.0758	7
8	0.1488	0.1888	0.0708	5.318	7.35	5.28 A	0.610	1.55	4.41	0.558	0.4008	0.0858	8
9	0.1548	0.1958	0.0858	10.6 B	8.48	4.03 A	0.820	1.45	3.92	0.615	0.4368	0.1008	9
10	0.1748	0.2028	0.0508	18.0 B	6.85	3.74	0.578	1.86	3.85	0.625	0.5278	0.1188	10
11	0.1958	0.2028	0.0608	22.8 B	5.53	3.38	1.07	3.84	4.26	0.648	0.3808	0.1208	11
12	0.1888	0.1958	0.0608	21.4 B	5.07	3.91	1.92	13.2	4.22	0.504	0.4238	0.1108	12
13	0.1818	0.1888	0.0858	18.1 B	4.84	2.86	1.92	11.0	3.72	0.5278	0.3508	0.0958	13
14	0.1608	0.1818	0.0858	23.2 B	4.18	2.43	1.51	8.72	3.18	0.505	0.3028	0.0858	14
15	0.1488	0.1878	0.0708	25.3	3.88	2.51	1.08	7.41	3.00	0.482	0.2188	0.0808	15
16	0.1548	0.1678	0.0708	29.8	3.47	2.48	0.822	5.41	2.88	0.4828	0.2708	0.0808	16
17	0.1678	0.1748	0.0758	26.2	3.42	1.76	0.817	5.15	2.59	0.5018	0.2848	0.0408	17
16	0.1818	0.1888	0.0808	21.3	3.34	1.38	0.835	5.03	2.85	0.5018	0.2848	0.0458	18
19	0.1958	0.1958	0.0808	16.9	3.33	1.18	1.88	7.56	2.40	0.489	0.2748	0.0488	19
20	0.2028	0.2028	0.0758	12.0	5.58	1.14	2.80	8.48	2.13	0.481	0.2388	0.0488	20
21	0.2088	0.2088	0.0858	8.58	7.21	1.00	2.24	7.03	1.88	0.501A	0.2308	0.0388	21
22	0.2028	0.2028	0.0808	8.82	8.34	1.01	1.88	8.33	1.84	0.481E	0.2308	0.0288	22
23	0.1988	0.1958	0.0808	7.85	8.41	0.988	1.48	9.89	1.47	0.460E	0.2238	0.0308	23
24	0.1958	0.1818	0.0858	7.33	8.02	2.88	1.32	8.41	1.31	0.470E	0.2308	0.0328	24
25	0.1888	0.1878	0.0708	8.87	4.85	3.38 A	0.848	5.88	1.07	0.489E	0.2548	0.0348	25
26	0.1818	0.1548	0.0708	8.57	4.78	2.81 A	0.808	4.82	1.05	0.449A	0.2708	0.0298	26
27	0.1818	0.1388	0.0758	8.37	4.14	2.83 A	0.825	4.08	0.950	0.513	0.2388	0.0248	27
28	0.1748	0.1188	0.0808	8.15	3.80	2.34 A	0.810	3.48	0.788	0.487	0.2188	0.0238	28
29	0.1748		0.1858	8.26	3.44	2.06	0.680	3.10	0.737	0.489	0.2488	0.0188	29
30	0.1878		1.24 B	8.58	3.33	1.88	0.825	2.75	0.805	0.481	0.2388	0.0108	30
31	0.1808		1.62 B		5.62A		0.813	2.82		0.535		0.0078	31
TOTAL	5.469	4.917	5.138	338.43	185.74	95.889	34.472	183.232	88.847	16.552	8.978	2.868	TOTAL
MEAN	0.176	0.176	0.166	11.3	5.99	3.20	1.11	4.94	2.88	0.534	0.333	0.081	MEAN
MAX	0.208	0.208	1.62	29.8	14.6	6.49	2.80	13.2	7.83	0.697	0.527	0.230	MAX
MIN	0.162	0.118	0.080	1.41	3.33	0.889	0.480	0.825	0.805	0.449	0.218	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 29.8 ON APR 16
MINIMUM DAILY, 0.0078 ON DEC 31
MAXIMUM INSTANTANEOUS,
31.0 AT 13:00 MST ON APR 16

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 28 50 N
LONG 116 29 30 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	473	JUL	2 980
FEB	428	AUG	13 200
MAR	444	SEP	7 800
APR	29 200	OCT	1 430
MAY	16 000	NOV	882
JUN	8 280	DEC	217

TOTAL DISCHARGE, 81 000 dam³

WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE - STATION NO. 05BM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.128E	0.727	17.8	18.3	10.6	7.30	1.94	0.118	---	1
2	---	---	---	0.108E	3.46	17.8	18.2	10.5	7.38	0.888	0.128	---	2
3	---	---	---	0.093E	6.37	17.6	20.0	11.5	8.07	0.238	0.080	---	3
4	---	---	---	0.081E	8.89	18.9	15.8	11.5	5.70	0.088	0.055A	---	4
5	---	---	---	0.078E	9.86	17.4	18.6	13.6	7.02	0.071	0.050E	---	5
6	---	---	---	0.068E	9.01	17.7	18.0	11.7	6.88	0.053	0.048E	---	6
7	---	---	---	0.053E	9.85	17.6	18.8	11.5	6.84	0.048	0.040E	---	7
8	---	---	---	0.047E	11.2	17.4	18.0	11.3	7.04	0.051	0.035E	---	8
9	---	---	---	0.041E	10.7	18.2	14.8	11.0	5.74	0.062	0.030E	---	9
10	---	---	---	0.034E	8.12	19.7	18.9	11.1	5.80	0.053	0.025E	---	10
11	---	---	---	0.030E	9.90	20.3	18.7	10.2	5.95	0.052	0.020E	---	11
12	---	---	---	0.025E	8.80	21.2	15.8	9.88	8.14	0.049	0.015E	---	12
13	---	---	---	0.021	10.2	21.3	13.5	11.3	8.14	0.051	0.010E	---	13
14	---	---	---	0.021	9.04	21.2	12.8	11.8	8.13	0.051	0.005E	---	14
15	---	---	---	0.022	11.0	21.0	12.8	8.81	7.07	0.054	0 E	---	15
16	---	---	---	0.023	11.7	21.9	12.7	10.6	5.37	0.080	0 E	---	16
17	---	---	---	0.024	12.4	22.4	12.8	10.0	5.67	0.074	0 E	---	17
18	---	---	---	0.878	12.6	21.3	12.7	7.05	5.88	0.113	0 E	---	18
19	---	---	---	0.728	12.5	20.7	14.7	5.88	8.67	0.110	0 E	---	19
20	---	---	---	0.881	13.1	21.0	13.0	5.74	8.83	0.078	0 E	---	20
21	---	---	---	0.701	15.5	19.4	13.4	5.83	7.38	0.057	0 E	---	21
22	---	---	---	0.703	15.4	18.3	11.9	5.58	7.83	0.062	0 E	---	22
23	---	---	---	0.701	14.4	22.2	10.9	5.08	7.92	0.088	0 E	---	23
24	---	---	---	0.695	13.9	21.2	9.52	5.18	7.95	0.059	0 E	---	24
25	---	---	---	0.692	13.7	20.3	9.17	5.57	7.82	0.088	0 E	---	25
26	---	---	0.250A	0.881	14.1	19.7	8.92	5.44	7.37	0.092	0 E	---	26
27	---	---	0.233E	0.880	14.5	20.0	9.11	5.46	5.85	0.078	0 E	---	27
28	---	---	0.218E	0.891	14.8	20.1	10.0	5.80	6.38	0.084	0 E	---	28
29	---		0.198E	0.890	15.2	19.8	10.6	7.00	7.27	0.054	0 E	---	29
30	---		0.173E	0.889	15.2	18.9	9.92	5.77	6.77	0.083	0 E	---	30
31	---		0.150E		17.7		10.3	7.10		0.073		---	31
TOTAL	---	---	---	9.917	345.917	592.7	424.44	273.49	202.38	4.698	0.821	---	TOTAL
MEAN	---	---	---	0.331	11.2	19.8	13.7	8.82	6.75	0.152	0.021	---	MEAN
MAX	---	---	---	0.728	17.7	22.4	20.0	13.6	8.14	1.94	0.128	---	MAX
MIN	---	---	---	0.021	0.727	18.9	8.92	5.44	5.50	0.048	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.60
MAXIMUM DAILY, 22.4 ON JUN 17
MINIMUM DAILY, 0E ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 00 N
LONG 113 50 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1908

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 700
FEB	---	AUG	23 800
MAR	---	SEP	17 500
APR	857	OCT	405
MAY	29 800	NOV	83.7
JUN	51 200	DEC	---

TOTAL DISCHARGE, 180 000 dam³

WHIRLPOOL RIVER NEAR THE MOUTH - STATION NO. 07AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	13.1	23.1	58.5	87.5	27.8	12.7	---	---	1
2	---	---	---	---	17.0	18.7	61.6	59.7	28.1	13.3	---	---	2
3	---	---	---	---	13.8	17.1	84.8	53.3	24.1	14.2	---	---	3
4	---	---	---	---	11.7	22.3	60.8	51.9	23.3	13.3	---	---	4
5	---	---	---	---	11.0	42.6	58.3	52.7	24.2	10.1	---	---	5
6	---	---	---	---	10.8	71.4	51.2	45.3	23.4	9.04	---	---	6
7	---	---	---	---	13.3	59.2	44.2	43.1	20.4	8.56	---	---	7
8	---	---	---	---	33.2	54.4	45.0	43.8	19.5	8.18	---	---	8
9	---	---	---	---	33.8	63.4	42.9	42.7	22.2	7.44	---	---	9
10	---	---	---	---	33.4	65.8	38.6	48.7	22.7	7.11	---	---	10
11	---	---	---	---	27.4	82.4	34.6	38.4	22.7	8.88	---	---	11
12	---	---	---	---	38.7	84.3	35.8	31.2	24.7	8.82	---	---	12
13	---	---	---	---	32.8	104	40.4	28.1	24.2	8.48	---	---	13
14	---	---	---	---	24.2	88.1	46.0	25.0	21.8	8.21	---	---	14
15	---	---	---	---	21.1	88.0	43.7	22.8	28.1	8.48	---	---	15
16	---	---	---	---	18.1	88.3	34.5	22.8	18.0	5.81	---	---	16
17	---	---	---	---	18.8	70.1	29.2	20.5	14.9	5.28	---	---	17
18	---	---	---	---	21.3	67.6	29.8	18.5	13.3	5.05	---	---	18
19	---	---	---	---	19.0	58.5	28.0	17.6	12.3	4.48	---	---	19
20	---	---	---	---	18.7	62.3	28.0	24.0	12.1	4.70	---	---	20
21	---	---	---	---	14.0	74.0	28.8	22.1	18.1	4.89	---	---	21
22	---	---	---	---	13.0	62.9	30.6	20.0	17.8	4.21	---	---	22
23	---	---	---	---	12.2	46.1	32.7	19.8	18.8	4.04	---	---	23
24	---	---	---	---	11.8	33.7	36.8	20.3	17.3	4.42	---	---	24
25	---	---	---	---	12.6	31.8	42.4	20.3	18.3	4.27	---	---	25
26	---	---	---	---	16.5	39.8	49.5	20.0	18.0	4.07	---	---	26
27	---	---	---	---	25.0	60.9	48.5	22.3	14.2	3.80A	---	---	27
28	---	---	---	---	31.0	83.0	49.7	24.6	11.5	3.61E	---	---	28
29	---		---	5.61A	31.8	92.8	51.4	23.1	11.0	4.20E	---	---	29
30	---		---	8.88	27.8	84.8	51.8	20.6	12.0	5.00E	---	---	30
31	---		---		27.8		56.4	23.6		5.97E		---	31
TOTAL	---	---	---	---	640.5	1 674.1	1 347.9	880.4	578.7	210.14	---	---	TOTAL
MEAN	---	---	---	---	20.7	55.8	43.5	31.9	19.3	6.78	---	---	MEAN
MAX	---	---	---	---	38.7	104	84.8	87.5	28.1	14.2	---	---	MAX
MIN	---	---	---	---	10.8	17.1	28.0	17.6	11.0	3.80	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.6
MAXIMUM DAILY, 104 ON JUN 13
MINIMUM DAILY, 3.80A ON OCT 27
MAXIMUM INSTANTANEOUS,
108 AT 11:45 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 43 28 N
LONG 117 55 28 W
DRAINAGE AREA, 588 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	116 000
FEB	---	AUG	85 800
MAR	---	SEP	50 000
APR	---	OCT	18 200
MAY	55 300	NOV	---
JUN	145 000	DEC	---

TOTAL DISCHARGE, 470 000 dam³

WHISKEYJACK CREEK NEAR HINTON - STATION NO. 07AD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.008	0.017	0.004	0.180A	0.024	0.010	---	---	1
2	---	---	---	---	0.008	0.015	0.003	0.200E	0.032	0.010	---	---	2
3	---	---	---	---	0.008	0.014	0.003	0.170E	0.038	0.010	---	---	3
4	---	---	---	---	0.008	0.012	0.004	0.148E	0.028	0.008	---	---	4
5	---	---	---	---	0.008	0.012	0.004	0.127E	0.024	0.008	---	---	5
6	---	---	---	---	0.008	0.012	0.004	0.110E	0.021	0.008	---	---	6
7	---	---	---	---	0.008	0.011	0.004	0.088E	0.020	0.008	---	---	7
8	---	---	---	---	0.008	0.010	0.004	0.083E	0.019	0.008	---	---	8
9	---	---	---	---	0.008	0.009	0.005	0.075E	0.018	0.008	---	---	9
10	---	---	---	---	0.009	0.009	0.006	0.108E	0.018	0.008	---	---	10
11	---	---	---	---	0.009	0.008	0.005	0.088E	0.017	0.008	---	---	11
12	---	---	---	---	0.009	0.008	0.004	0.074E	0.016	0.008	---	---	12
13	---	---	---	---	0.010	0.007	0.004	0.083E	0.017	0.007	---	---	13
14	---	---	---	---	0.009	0.006	0.003	0.053E	0.017	0.007	---	---	14
15	---	---	---	---	0.009	0.008	0.003	0.045E	0.018	0.007	---	---	15
16	---	---	---	---	0.009	0.007	0.003	0.043E	0.017	0.007	---	---	16
17	---	---	---	---	0.009	0.007	0.073	0.038E	0.015	0.007	---	---	17
18	---	---	---	---	0.009	0.008	0.042	0.038E	0.014	0.007	---	---	18
19	---	---	---	---	0.008	0.008	0.017	0.034A	0.013	0.007	---	---	19
20	---	---	---	---	0.010	0.008	0.011	0.042	0.013	0.008	---	---	20
21	---	---	---	---	0.018	0.008	0.008	0.038	0.012	0.008	---	---	21
22	---	---	---	---	0.018	0.008	0.009	0.033	0.011	0.008	---	---	22
23	---	---	---	---	0.025	0.008	0.008	0.029	0.010	0.008	---	---	23
24	---	---	---	0.008A	0.028	0.008	0.007	0.028	0.010	0.008	---	---	24
25	---	---	---	0.008	0.022	0.004	0.007	0.026	0.010	0.008	---	---	25
26	---	---	---	0.008	0.020	0.004	0.007	0.023	0.016	0.008	---	---	26
27	---	---	---	0.008	0.018	0.004	0.006	0.021	0.015	0.008	---	---	27
28	---	---	---	0.008	0.022	0.004	0.008	0.035	0.013	0.008	---	---	28
29	---	---	---	0.007	0.027	0.004	0.006	0.044	0.012	0.006A	---	---	29
30	---	---	---	0.008	0.021	0.004	0.005	0.032	0.011	0.008E	---	---	30
31	---	---	---		0.018		0.015	0.027		0.008E	---	---	31
TOTAL	---	---	---	---	0.406	0.232	0.292	2.146	0.518	0.226	---	---	TOTAL
MEAN	---	---	---	---	0.013	0.008	0.009	0.069	0.017	0.007	---	---	MEAN
MAX	---	---	---	---	0.027	0.017	0.073	0.200	0.038	0.010	---	---	MAX
MIN	---	---	---	---	0.008	0.004	0.003	0.021	0.010	0.006	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.021
MAXIMUM DAILY, 0.200E ON AUG 2
MINIMUM DAILY, 0.003 ON JUL 7

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 50 N
LONG 117 3[illegible] 15 W
DRAINAGE AREA, 3.13 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25.2
FEB	---	AUG	185
MAR	---	SEP	44.8
APR	---	OCT	19.7
MAY	35.3	NOV	---
JUN	20.0	DEC	---

TOTAL DISCHARGE 330 dam³

WHITE EARTH CREEK NEAR SMOKY LAKE - STATION NO. 05EC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1078	0.1578	3.83	0.676	0.080	0.030	0.137	0.110	---	---	1
2	---	---	0.1048	0.1918	3.67	0.873	0.076	0.035	0.146	0.120	---	---	2
3	---	---	0.1028	0.2498	3.38	0.886	0.072	0.040	0.177	0.140	---	---	3
4	---	---	0.1008	0.8358	3.13	0.818	0.069	0.040	0.181	0.180	---	---	4
5	---	---	0.1048	1.17 B	2.83	0.524	0.065	0.040	0.182	0.170	---	---	5
6	---	---	0.1058	2.52 B	2.73	0.475	0.062	0.035	0.144	0.120	---	---	6
7	---	---	0.1038	3.28 B	2.63	0.419	0.059	0.030	0.337	0.120	---	---	7
8	---	---	0.1028	4.23 B	2.55	0.188	0.056	0.025	0.219	0.120	---	---	8
9	---	---	0.1058	6.20 B	2.38	0.094	0.053	0.025	0.180	0.150	---	---	9
10	---	---	0.1078	7.74 B	2.48	0.077	0.080	0.022	0.180	0.298	---	---	10
11	---	---	0.1088	8.36 B	2.27	0.034	0.046	0.022	0.150	0.240	---	---	11
12	---	---	0.1118	9.67 B	3.11	0.061	0.042	0.021	0.120	0.230	---	---	12
13	---	---	0.1138	10.3 B	1.81	0.028	0.038	0.021	0.105	0.434	---	---	13
14	---	---	0.1168	8.51	1.83	0.052	0.034	0.020	0.105	0.488	---	---	14
15	---	---	0.1128	8.20	1.63	0.056	0.030	0.020	0.100	0.304	---	---	15
16	---	---	0.1108	7.27	1.31	0.042	0.025	0.019	0.100	0.244	---	---	16
17	---	---	0.1088	8.57	1.49	0.092	0.025	0.018	0.100	0.223	---	---	17
18	---	---	0.1088	8.84	0.878	0.070	0.025	0.017	0.120	0.258	---	---	18
19	---	---	0.1118	8.33	1.06	0.038	0.025	0.018	0.159	0.228	---	---	19
20	---	---	0.1138	4.88	1.38	0.014	0.025	0.018	0.130	0.185	---	---	20
21	---	---	0.1148	4.88	1.51	0.043	0.026	0.015	0.180	0.314	---	---	21
22	---	---	0.1178	4.33	1.37	0.034	0.025	0.014	0.575	0.458	---	---	22
23	---	---	0.1188	3.82	1.18	0.043	0.023	0.013	0.480	0.518	---	---	23
24	---	0.0928	0.1188	3.68	1.18	0.050	0.021	0.012	0.380	0.810	---	---	24
25	---	0.0878	0.1258	3.88	1.12	0.080	0.020	0.012	0.280	0.803	---	---	25
26	---	0.1018	0.1288	3.71	1.35	0.088	0.020	0.014	0.140	0.544	---	---	26
27	---	0.1048	0.1278	3.78	1.65	0.070	0.018	0.017	0.130	0.493	---	---	27
28	---	0.1078	0.1288	3.88	1.02	0.078	0.018	0.102	0.120	0.578	---	---	28
29	---		0.1298	3.88	0.981	0.080	0.018	0.108	0.110	0.350A	---	---	29
30	---		0.1343	3.74	0.884	0.080	0.018	0.115	0.110	0.350E	---	---	30
31	---		0.1428		0.748		0.020	0.140		0.350E	---	---	31
TOTAL	---	---	3.529	141.853	57.729	5.484	1.182	1.073	5.477	8.488	---	---	TOTAL
MEAN	---	---	0.114	4.72	1.86	0.183	0.038	0.035	0.183	0.306	---	---	MEAN
MAX	---	---	0.142	10.3	3.83	0.878	0.080	0.140	0.575	0.810	---	---	MAX
MIN	---	---	0.100	0.157	0.748	0.014	0.018	0.012	0.100	0.110	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.821
MAXIMUM DAILY, 10.38 ON APR 13
MINIMUM DAILY, 0.012 ON AUG 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 58 N
LONG 112 18 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	102
FEB	---	AUG	92.7
MAR	305	SEP	473
APR	12 200	OCT	821
MAY	4 880	NOV	---
JUN	474	DEC	---

TOTAL DISCHARGE, 19 800 dam³

WHITEHORSE CREEK NEAR CADOMIN - STATION NO. 07AF910

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.1808	1.80 B	1.43	0.984	11.3	1.62	0.853E	---	---	1
2	---	---	---	0.1828	1.72 B	1.23	0.829	18.2	1.63	0.848E	---	---	2
3	---	---	---	0.1848	1.67 B	1.22	1.17	18.2	1.68	0.838E	---	---	3
4	---	---	---	0.1868	1.80 B	1.64	3.34	17.1	1.63	0.832E	---	---	4
5	---	---	---	0.1888	1.85 B	2.73	2.83	17.8	1.57	0.828E	---	---	5
6	---	---	---	0.1888	1.48 B	2.93	2.18	14.2	1.48	0.883	---	---	6
7	---	---	---	0.2008	1.45 B	2.11	1.75	12.1	1.38	0.8078	---	---	7
8	---	---	---	0.2008	2.84	2.43	1.53	9.80	1.24	0.798E	---	---	8
9	---	---	---	0.2008	2.80	2.83	2.71	8.05	1.21	0.7888	---	---	9
10	---	---	---	0.2028	1.92	2.20	3.18	7.94	1.14	0.7808	---	---	10
11	---	---	---	0.2028	1.52	1.84	3.04	8.81	1.08	0.7718	---	---	11
12	---	---	---	0.2028	1.77	1.79	2.75	6.20	1.02	0.7628	---	---	12
13	---	---	---	0.2048	1.37	2.08	2.18	5.49	1.12	0.7538	---	---	13
14	---	---	---	0.2048	0.834	1.74	2.00	4.89	1.03	0.7448	---	---	14
15	---	---	---	0.2048	1.39	1.74	1.89	4.33	1.12	0.7358	---	---	15
16	---	---	---	0.2058	1.61	2.14	1.82	3.92	1.03	0.7248	---	---	16
17	---	---	---	0.2058	1.37	2.01	2.22	3.57	0.982	0.7138	---	---	17
18	---	---	---	0.2068	1.43	1.85	2.75	3.28	0.970	0.7028	---	---	18
19	---	---	---	0.2068	1.22	1.80	3.27	3.08	0.953	0.6918	---	---	19
20	---	---	---	0.2078	1.04	1.87	3.18	2.86	0.922	0.6808	---	---	20
21	---	---	---	0.2458	0.948	2.10	2.97	2.77	0.884	0.6688	---	---	21
22	---	---	---	0.3008	0.953	1.85	3.21	2.59	0.843	0.6568	---	---	22
23	---	---	---	0.3508	1.01	1.39	4.40	2.45	0.829	0.6448	---	---	23
24	---	---	---	0.4208	1.18	1.25	3.10	2.83	0.825	0.6328	---	---	24
25	---	---	---	0.5108	2.00	1.17	2.73	2.68	0.806	0.6208	---	---	25
26	---	---	---	0.6208	3.24	1.20	2.55	2.43	0.892	0.6078	---	---	26
27	---	---	---	0.7208	3.37	1.28	2.25	2.25	0.846	0.5958	---	---	27
28	---	---	---	0.8708	3.07	1.22	2.09	2.22	0.830	0.5828	---	---	28
29	---		---	1.02 B	2.66	1.10	1.95	2.06	0.862	0.5708	---	---	29
30	---		---	1.40 B	1.97	1.11	1.94	1.84	0.880E	0.5578	---	---	30
31	---		---		1.81		3.35	1.68		0.5458		---	31
TOTAL	---	---	---	10.470	54.196	52.90	76.123	204.78	33.284	22.213	---	---	TOTAL
MEAN	---	---	---	0.349	1.75	1.76	2.46	6.61	1.11	0.717	---	---	MEAN
MAX	---	---	---	1.40	3.37	2.93	4.40	18.2	1.68	0.883	---	---	MAX
MIN	---	---	---	0.180	0.834	1.10	0.829	1.68	0.806	0.545	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.41
MAXIMUM DAILY 18.2 ON AUG 2
MINIMUM DAILY 0.5458 ON OCT 31
MAXIMUM INSTANTANEOUS
19.4 AT 19:10 MST ON AUG 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 00 N
LONG 117 20 40 W
DRAINAGE AREA 114 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 580
FEB	---	AUG	17 700
MAR	---	SEP	3 880
APR	905	OCT	1 920
MAY	4 680	NOV	---
JUN	4 570	DEC	---

TOTAL DISCHARGE 38 300 dam³

WHITEMUD CREEK (WEST BRANCH) NEAR IRETON - STATION NO. 05DF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	1.53	0	0	0	0	0	0	0	---	1
2	---	---	0 E	1.76	0	0	0	0	0	0	0	---	2
3	---	---	0 E	0.783	0	0	0	0	0.019	0	0	---	3
4	---	---	0 E	0.611	0	0	0	0	0.457	0	0A	---	4
5	---	---	0 E	0.451	0	0	0	0	0.352	0	---	---	5
6	---	---	0 E	0.316	0	0	0	0	0.172	0	---	---	6
7	---	---	0 E	0.244	0	0	0	0	0.082	0	---	---	7
8	---	---	0 E	0.208	0	0	0	0	0.052	0	---	---	8
9	---	---	0 E	0.222	0	0	0	0	0.032	0	---	---	9
10	---	---	0 E	0.203	0	0	0	0	0.024	0	---	---	10
11	---	---	0 E	0.156	0	0	0	0	0.022	0	---	---	11
12	---	---	0 E	0.114	0	0	0	0.040	0.021	0	---	---	12
13	---	---	0 E	0.078	0	0	0	0.117	0.021	0	---	---	13
14	---	---	0 E	0.062	0	0	0	0.082	0.021	0	---	---	14
15	---	---	0 E	0.052	0	0	0	0.038	0.020	0	---	---	15
16	---	---	0 E	0.043	0	0	0	0.023	0.016	0	---	---	16
17	---	---	0 E	0.036	0	0	0	0.021	0.013	0	---	---	17
18	---	---	0 E	0.032	0	0	0	0.022	0.011	0	---	---	18
19	---	---	0 E	0.026	0	0	0	0.020	0.010	0	---	---	19
20	---	---	0 E	0.023	0	0	0	0.018	0.008	0	---	---	20
21	---	---	0 E	0.021	0.001	0	0	0.013	0.007	0	---	---	21
22	---	---	0 E	0.017	0.035	0	0	0.009	0.008	0	---	---	22
23	---	0A	0 E	0.014	0.038	0	0	0.007	0.004	0	---	---	23
24	---	0E	0 E	0.011	0.038	0	0	0.006	0.003	0	---	---	24
25	---	0E	0.0308	0.007	0.027	0	0	0	0.002	0	---	---	25
26	---	0E	0.0888	0.005	0.013	0	0	0	0	0	---	---	26
27	---	0E	0.3018	0.003	0.005	0	0	0	0	0	---	---	27
28	---	0E	0.3468	0.001	0	0	0	0	0	0	---	---	28
29	---		0.2348	0	0	0	0	0	0	0	---	---	29
30	---		0.1745	0	0	0	0	0	0	0	---	---	30
31	---		0.1611		0		0	0		0		---	31
TOTAL	---	---	1.980	7.033	0.157	0	0	0.382	1.385	0	---	---	TOTAL
MEAN	---	---	0.083	0.234	0.005	0	0	0.013	0.046	0	---	---	MEAN
MAX	---	---	0.681	1.76	0.038	0	0	0.117	0.457	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.045
MAXIMUM DAILY 1.76 ON APR 2
MINIMUM DAILY 0E ON MAR 1
MAXIMUM INSTANTANEOUS
3.48 AT 02:29 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 20 N
LONG 113 41 23 W
DRAINAGE AREA 83.7 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	33.8
MAR	188	SEP	120
APR	808	OCT	0
MAY	13.8	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 945 dam³

WHITEMUD CREEK NEAR ELLERSLIE - STATION NO. 05DF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.76 B	0.043	0.219	0.003E	0.038	0.087	0.002	0.001E	---	1
2	---	---	0 B	3.90 B	0.031	0.171	0.002E	0.074	0.104	0.005	0.001	---	2
3	---	---	0 B	4.14 B	0.028	0.123	0.002E	0.170	0.212	0.006	0.001	---	3
4	---	---	0 B	3.27 B	0.027	0.098	0.001E	0.188	0.310	0.003E	0.001A	---	4
5	---	---	0 B	2.12 B	0.030	0.078	0.001E	0.238	0.428	0.001E	---	---	5
6	---	---	0 B	1.81 B	0.028	0.073	0.002E	0.248	0.315	0.001E	---	---	6
7	---	---	0 B	1.75 B	0.012	0.062	0.003E	0.260	0.298	0.002E	---	---	7
8	---	---	0 B	1.67 B	0.010	0.053	0.005E	0.205	0.220	0.002E	---	---	8
9	---	---	0 B	1.44 B	0.009	0.055	0.008	0.142	0.136	0.001E	---	---	9
10	---	---	0 B	1.27	0.004	0.085	0.008	0.107	0.113	0.002E	---	---	10
11	---	---	0 B	1.11	0.004	0.053	0.003	0.106	0.126	0.001E	---	---	11
12	---	---	0 B	0.933	0.001	0.041	0.034	0.129	0.213	0.001E	---	---	12
13	---	---	0 B	0.785	0.001	0.028	0.026	0.158	0.190	0.001E	---	---	13
14	---	---	0 B	0.674	0.001E	0.050	0.053	0.182	0.187	0.001E	---	---	14
15	---	---	0 B	0.520	0.001E	0.055	0.042	0.130	0.188	0.001E	---	---	15
16	---	---	0 B	0.409	0.001E	0.052	0.034	0.112	0.184	0.001E	---	---	16
17	---	---	0 B	0.312	0.001E	0.047	0.033	0.102	0.140	0.001E	---	---	17
18	---	---	0 B	0.239	0.001E	0.037	0.028	0.079	0.110	0.001E	---	---	18
19	---	---	0 B	0.177	0.076	0.021	0.039	0.120	0.091	0.001E	---	---	19
20	---	---	0 B	0.149	0.436	0.009	0.033	0.188	0.074	0.001E	---	---	20
21	---	---	0 B	0.150	0.518	0.008	0.051	0.178	0.083	0.001E	---	---	21
22	---	---	0 B	0.168	0.419	0.007	0.117	0.187	0.061	0.001E	---	---	22
23	---	---	0 B	0.144	0.357	0.005	0.105	0.148	0.060	0.001E	---	---	23
24	---	0B	0 B	0.118	0.348	0.002	0.088	0.173	0.053	0.001E	---	---	24
25	---	0B	0 B	0.102	0.314	0.001E	0.128	0.148	0.050	0.001E	---	---	25
26	---	0B	0 B	0.088	0.279	0.003	0.124	0.184	0.042	0.002	---	---	26
27	---	0B	0 B	0.083	0.260	0.019	0.073	0.178	0.034	0.001	---	---	27
28	---	0B	0 B	0.033	0.243	0.010	0.043	0.185	0.024	0.001	---	---	28
29	---		0 B	0.033	0.238	0.0082	0.030	0.135	0.015	0.001E	---	---	29
30	---		0 B	0.038	0.223	0.0042	0.021	0.118	0.008	0.001	---	---	30
31	---		1.81 B		0.238		0.032	0.109		0.001	---	---	31
TOTAL	---	---	1.81	28.155	4.211	1.444	1.184	4.598	3.124	0.048	---	---	TOTAL
MEAN	---	---	0.058	0.972	0.136	0.048	0.038	0.148	0.137	0.002	---	---	MEAN
MAX	---	---	1.81	4.14	0.518	0.219	0.128	0.258	0.428	0.006	---	---	MAX
MIN	---	---	0	0.033	0.001	0.001	0.001	0.039	0.008	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.180
MAXIMUM DAILY, 4.140 ON APR 3
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 44 N
LONG 113 35 30 W
DRAINAGE AREA, 335 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1C2
FEB	---	AUG	391
MAR	156	SEP	358
APR	2 520	OCT	8 15
MAY	364	NOV	---
JUN	125	DEC	---

TOTAL DISCHARGE, 4 020 dam³

WHITEMUD RIVER NEAR DIXONVILLE - STATION NO. 07HA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1238	0.0848	0.0738	0.2048	6.30	4.31	1.41	1.07	3.00	0.596	---	---	1
2	0.1508	0.0898	0.0738	0.4048	6.96	7.07	1.41	8.23	2.83	0.589	---	---	2
3	0.1628	0.0848	0.0718	1.69 B	7.76	12.1	1.28	31.6	2.73	0.621	---	---	3
4	0.1488	0.1028	0.0698	2.45 B	8.31	15.2	1.31	43.1	3.12	0.980	---	---	4
5	0.1488	0.1128	0.0708	3.37 B	8.46	14.1	1.31	43.3	3.41	0.967	---	---	5
6	0.1328	0.1288	0.0688	4.87 B	7.91	12.6	1.18	36.6	3.08	0.863	---	---	6
7	0.1328	0.1388	0.0678	4.89 B	7.04	16.6	1.03	28.9	2.66	0.746	---	---	7
8	0.1328	0.1288	0.0678	4.67 B	6.24	19.7	0.906	21.3	2.39	0.663	---	---	8
9	0.1268	0.1128	0.0658	5.14 B	5.62	18.0	0.886	16.1	2.15	0.663	---	---	9
10	0.1288	0.0988	0.0648	5.22 B	5.14	12.0	0.856	13.4	2.05	0.857	---	---	10
11	0.1268	0.0848	0.0688	5.84 B	4.96	9.40	0.950	13.9	1.95	0.877	---	---	11
12	0.1278	0.0878	0.0708	11.6	4.49	7.80	1.47	15.3	1.81	0.852	---	---	12
13	0.1058	0.0818	0.0788	18.8	4.33	6.00	1.81	14.7	1.58	0.594	---	---	13
14	0.0958	0.0748	0.0828	16.8	4.68	5.23	1.53	13.9	1.45	0.576	---	---	14
15	0.0998	0.0738	0.0878	17.1	5.30	4.59	1.45	12.8	1.39	0.554	---	---	15
16	0.1068	0.0798	0.0828	17.4	5.64	3.85	1.51	11.8	1.30	0.548	---	---	16
17	0.1158	0.0778	0.0838	16.5	5.03	3.58	1.52	10.6	1.18	0.543	---	---	17
18	0.1188	0.0788	0.0898	14.1	4.70	3.21	1.48	10.1	1.13	0.543	---	---	18
19	0.1098	0.0838	0.1048	12.1	4.33	2.76	1.33	9.14	1.04	0.844	---	---	19
20	0.1018	0.0838	0.1068	10.7	3.86	2.55	1.19	8.18	1.00	0.624	---	---	20
21	0.1068	0.0818	0.1128	10.0	3.76	2.36	1.13	7.84	0.883	0.807	---	---	21
22	0.1108	0.0808	0.1148	9.31	3.48	2.23	1.07	7.07	0.952	0.805	---	---	22
23	0.1048	0.0768	0.1188	7.83	3.08	1.93	0.977	6.66	0.882	0.801	---	---	23
24	0.1028	0.0778	0.1268	6.76	2.82	1.81	0.882	5.93	0.880	0.967	---	---	24
25	0.0998	0.0758	0.1368	6.55	2.58	1.82	0.802	5.31	0.765	0.958	---	---	25
26	0.0978	0.0748	0.1408	6.18	2.33	1.74	0.788	4.66	0.768	0.880	---	---	26
27	0.0958	0.0738	0.1288	5.65	2.21	1.58	0.734	4.45	0.727	0.539	---	---	27
28	0.0928	0.0748	0.1108	5.98	2.13	1.51	0.672	3.86	0.854	0.525	---	---	28
29	0.0928		0.1188	5.54	1.97	1.44	0.869	3.94	0.847	0.500A	---	---	29
30	0.0928		0.1448	5.72	2.18	1.39	0.887	3.69	0.828	0.460E	---	---	30
31	0.0908		0.2808		2.41		0.855	3.27		0.465E	---	---	31
TOTAL	3.983	2.506	3.888	247.888	145.96	106.29	34.888	420.80	49.247	19.339	---	---	TOTAL
MEAN	0.118	0.090	0.100	8.26	4.71	3.54	1.13	13.6	1.64	0.624	---	---	MEAN
MAX	0.166	0.136	0.280	18.8	8.46	19.7	1.81	43.3	3.41	0.980	---	---	MAX
MIN	0.090	0.073	0.064	0.204	1.97	1.39	0.855	1.07	0.828	0.465	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.56
MAXIMUM DAILY, 43.3 ON AUG 8
MINIMUM DAILY, 0.0848 ON MAR 10
MAXIMUM INSTANTANEOUS,
43.8 AT 07:00 MST ON AUG 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 40 N
LONG 117 38 32 W
DRAINAGE AREA, 2 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	310	JUL	3 000
FEB	217	AUG	36 400
MAR	267	SEP	4 266
APR	21 400	OCT	1 870
MAY	12 800	NOV	---
JUN	17 000	DEC	---

TOTAL DISCHARGE, 95 800 dam³

WILDHAY RIVER NEAR HINTON - STATION NO. 07AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.88	8.08	8.23	24.2	8.78	4.73	---	---	1
2	---	---	---	---	3.84	7.87	8.12	89.0	9.12	4.84	---	---	2
3	---	---	---	---	4.87	7.06	8.87	49.8	9.81	4.80	---	---	3
4	---	---	---	---	3.73	7.02	8.31	41.7	8.84	4.86	---	---	4
5	---	---	---	---	4.27	7.72	8.27	35.7	8.43	4.68	---	---	5
6	---	---	---	---	4.37	9.35	8.18	29.5	8.10	4.49	---	---	6
7	---	---	---	---	4.28	9.83	8.00	25.0	7.84	4.41	---	---	7
8	---	---	---	---	4.68	9.88	8.92	22.1	7.55	4.35	---	---	8
9	---	---	---	---	5.39	9.86	8.44	20.4	7.35	4.24	---	---	9
10	---	---	---	---	6.38	10.1	8.80	20.4	7.03	4.15	---	---	10
11	---	---	---	---	8.84	9.82	8.51	19.5	6.80	4.10	---	---	11
12	---	---	---	---	8.84	8.88	8.38	18.8	6.61	4.05	---	---	12
13	---	---	---	---	7.14	9.31	8.11	18.5	6.80	3.97	---	---	13
14	---	---	---	---	8.88	9.77	8.85	17.8	6.82	3.84	---	---	14
15	---	---	---	---	8.97	9.48	8.58	18.8	8.66	3.78	---	---	15
16	---	---	---	---	8.36	9.35	8.53	16.1	8.44	3.75	---	---	16
17	---	---	---	---	8.07	9.18	8.02	15.2	8.26	3.70	---	---	17
18	---	---	---	---	8.13	8.48	8.21	14.3	8.06	3.58	---	---	18
19	---	---	---	---	8.30	8.15	8.13	13.8	8.90	3.48	---	---	19
20	---	---	---	---	8.12	8.34	8.04	14.3	8.72	3.46	---	---	20
21	---	---	---	---	8.11	8.87	7.38	13.5	8.52	3.43	---	---	21
22	---	---	---	---	8.11	8.84	8.27	12.7	8.43	3.38	---	---	22
23	---	---	---	1.70A	8.08	8.18	8.18	11.9	8.28	3.27	---	---	23
24	---	---	---	1.77	8.87	7.40	8.03	11.8	8.14	3.27	---	---	24
25	---	---	---	1.77	8.88	8.88	8.88	10.8	8.08	3.32	---	---	25
26	---	---	---	1.77	8.88	8.82	8.90	10.4	8.18	3.28	---	---	26
27	---	---	---	1.76	8.42	8.48	8.88	9.88	8.22	3.20	---	---	27
28	---	---	---	1.83	7.40	8.46	8.88	10.1	8.12	3.27A	---	---	28
29	---		---	1.98	8.37	8.40	8.48	10.1	8.00	3.20E	---	---	29
30	---		---	2.36	8.41	8.36	8.34	9.87	4.88	3.12E	---	---	30
31	---		---		8.23		8.83	9.10		3.08E		---	31
TOTAL	---	---	---	---	183.88	249.58	187.28	811.85	198.18	118.30	---	---	TOTAL
MEAN	---	---	---	---	8.82	8.32	8.04	19.7	8.81	3.82	---	---	MEAN
MAX	---	---	---	---	8.41	10.1	8.80	89.0	8.81	4.73	---	---	MAX
MIN	---	---	---	---	2.88	8.38	8.34	9.10	4.88	3.08	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.42
MAXIMUM DAILY, 89.0 ON AUG 2
MINIMUM DAILY, 2.88 ON MAY 1
MAXIMUM INSTANTANEOUS,
82.7 AT 08:40 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 24 N
LONG 117 56 49 W
DRAINAGE AREA, 869 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 16 220	
FEB	---	AUG 52 800	
MAR	---	SEP 17 130	
APR	---	OCT 10 300	
MAY 15 800		NOV	---
JUN 21 800		DEC	---

TOTAL DISCHARGE, 134 000 dam³

WILLOW CREEK ABOVE CHAIN LAKES - STATION NO. 05AB028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0848	0.1628	0.1648	0.7398	1.88	0.404	0.128	0.551	0.483	0.238	0.200E	0.1388	1
2	0.0688	0.1768	0.1888	1.28	1.80	0.378	0.112	0.518	0.477	0.234	0.200E	0.1438	2
3	0.0648	0.1748	0.2008	1.81	1.98	0.388	0.092	0.533	0.474	0.232	0.188E	0.1508	3
4	0.0788	0.2228	0.2278	2.13	1.41	0.355	0.128	0.517	0.474	0.224	0.180E	0.147	4
5	0.0728	0.2398	0.2458	2.13	1.28	0.334	0.262	0.483	0.471	0.226	0.185E	0.1488	5
6	0.0708	0.2238	0.2628	1.87	1.21	0.314	0.274	0.467	0.448	0.223	0.178A	0.140	6
7	0.0728	0.2448	0.2238	1.45	1.16	0.301	0.198	0.424	0.442	0.223	0.172	0.1388	7
8	0.0748	0.2318	0.2358	1.18	1.13	0.288	0.148	0.402	0.433	0.225	0.176	0.1268	8
9	0.0788	0.2548	0.2488	1.16	1.11	0.298	0.160	0.401	0.408	0.221	0.172	0.1158	9
10	0.0878	0.2458	0.2378	0.958	1.08	0.288	0.318	0.503	0.382	0.225	0.170	0.1068	10
11	0.0828	0.2368	0.2408	0.948	1.01	0.247	0.308	0.986	0.371	0.232	0.165	0.0968	11
12	0.0628	0.2258	0.2608	0.851	0.978	0.230	0.221	0.723	0.361	0.229	0.161	0.0928	12
13	0.0728	0.2158	0.2908	0.848	1.08	0.208	0.172	0.885	0.342	0.228	0.161	0.0888	13
14	0.0728	0.2068	0.3438	0.881	0.961	0.178	0.131	1.65	0.342	0.227	0.1618	0.0848	14
15	0.0748	0.1988	0.3278	0.890	0.883	0.163	0.108	2.20	0.318	0.238	0.1488	0.0708	15
16	0.0778	0.1888	0.3048	0.848	0.818	0.182	0.138	2.07	0.298	0.242	0.1318	0.0638	16
17	0.1208	0.1858	0.2938	1.00	0.777	0.263	0.148	1.78	0.298	0.236	0.1208	0.0308	17
18	0.1118	0.1858	0.3288	1.04	0.738	0.235	0.848	1.48	0.285	0.263	0.1288	0.0278	18
19	0.0988	0.1858	0.3408	0.951	0.693	0.228	3.91	1.29	0.278	0.270	0.1288	0.0278	19
20	0.1198	0.1808	0.3208	0.958	0.680	0.242	2.48	1.14	0.276	0.275	0.1288	0.0288	20
21	0.1408	0.1708	0.3038	1.02	0.669	0.238	1.85	0.980	0.258	0.251	0.1448	0.0278	21
22	0.1488	0.1808	0.2808	1.06	0.647	0.170	1.87	0.903	0.244	0.228	0.1388	0.0288	22
23	0.1458	0.1488	0.2648	1.02	0.601	0.191	1.40	0.808	0.233	0.278E	0.1448	0.0278	23
24	0.1458	0.1408	0.3068	0.986	0.586	0.141	1.14	0.808	0.235	0.240E	0.1508	0.0268	24
25	0.1408	0.1408	0.3718	0.885	0.581	0.122	1.07	0.784	0.237	0.210E	0.1588	0.0288	25
26	0.1408	0.1518	0.2978	0.977	0.540	0.107	1.08	0.765	0.287	0.220E	0.1808	0.0318	26
27	0.1408	0.1868	0.2788	0.874	0.518	0.103	0.818	0.885	0.342	0.230E	0.1708	0.0458	27
28	0.1428	0.1598	0.3288	1.02	0.488	0.108	0.720	0.810	0.304	0.220E	0.1808	0.0408	28
29	0.1458		0.2808	1.14	0.469	0.106	0.650	0.885	0.272	0.210E	0.1508	0.0328	29
30	0.1858		0.3288	1.46	0.442	0.122	0.613	0.891	0.262	0.200E	0.1408	0.0248	30
31	0.1858		0.3438		0.430		0.838	0.533		0.190E		0.0218	31
TOTAL	3.318	5.418	8.885	34.883	26.178	8.844	21.838	28.980	10.338	7.181	4.788	2.282	TOTAL
MEAN	0.107	0.194	0.288	1.16	0.908	0.228	0.888	0.870	0.345	0.232	0.158	0.073	MEAN
MAX	0.185	0.254	0.371	2.13	1.88	0.404	3.91	2.20	0.483	0.278	0.200	0.150	MAX
MIN	0.070	0.140	0.184	0.738	0.430	0.103	0.082	0.401	0.233	0.180	0.120	0.021	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.438
MAXIMUM DAILY, 3.91 ON JUL 19
MINIMUM DAILY, 0.0218 ON DEC 31
MAXIMUM INSTANTANEOUS,
4.71 AT 10:28 MST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 47 N
LONG 114 12 48 W
DRAINAGE AREA, 182 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	287	JUL 1 870	
FEB	484	AUG 2 330	
MAR	781	SEP 893	
APR	2 880	OCT 621	
MAY	2 430	NOV 412	
JUN	891	DEC 198	

TOTAL DISCHARGE, 13 800 dam³

WILLOW CREEK BELOW LANE CREEK - STATION NO. 05AB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6138	8.718	1.82	0.898	0.578	0.536	0.753	0.513	0.529	---	1
2	---	---	0.6018	5.048	1.80	0.880	0.543	0.446	0.693	0.495	0.517	---	2
3	---	---	1.20 B	5.578	1.81	0.835	0.511	0.473	0.691	0.467	0.552	---	3
4	---	---	1.61 B	4.808	1.79	0.852	0.494	0.518	0.725	0.458	0.529	---	4
5	---	---	2.22 B	4.048	1.82	0.888	0.526	0.513	0.724	0.484	0.536	---	5
6	---	---	1.79 B	3.07	1.84	1.09	0.622	0.688	0.680	0.492	B 0.61A	---	6
7	---	---	1.80 B	2.37	1.87	1.12	0.807	0.667	0.704	0.498	---	---	7
8	---	---	1.40 B	1.88	1.84	1.14	0.548	0.544	0.657	0.504	---	---	8
9	---	---	1.30 B	1.80	1.82	1.15	0.508	0.428	0.603	0.510	---	---	9
10	---	---	1.47 B	1.40	1.80	1.12	0.831	0.476	0.988	0.517	---	---	10
11	---	---	1.30 B	1.33	1.86	1.08	0.810	0.717	0.528	0.519	---	---	11
12	---	---	1.33 B	1.25	1.83	1.04	0.883	0.902	0.487	0.513	---	---	12
13	---	---	1.46 B	1.15	1.70	1.01	0.842	0.795	0.458	0.521	---	---	13
14	---	---	1.49 B	1.23	1.85	1.00	0.471	1.48	0.444	0.517	---	---	14
15	---	---	1.49 B	1.39	1.95	1.00	0.408	2.52	0.404	0.547	---	---	15
16	---	---	1.36 B	1.33	1.47	1.08	0.483	1.84	0.385	0.558	---	---	16
17	---	---	1.15 B	1.36	1.40	1.08	0.578	1.52	0.380	0.573	---	---	17
18	---	---	0.9920	1.44	1.27	1.07	0.858	1.22	0.403	0.568	---	---	18
19	---	---	0.8958	1.36	1.23	1.12	3.18	1.15	0.533	0.566	---	---	19
20	---	1.11 B	0.8308	1.29	1.23	1.18	2.77	1.15	0.488	0.542	---	---	20
21	---	0.9898	0.7858	1.20	1.15	1.20	1.58	1.17	0.504	0.553	---	---	21
22	---	1.22 B	0.8638	1.20	1.12	1.10	1.15	1.15	0.508	0.545	---	---	22
23	---	0.8788	1.38 B	1.28	1.11	1.08	0.883	1.12	0.473	0.543	---	---	23
24	---	0.8208	1.22 B	1.35	1.02	1.04	0.833	1.15	0.488	0.535	---	---	24
25	---	0.7488	1.16 B	1.15	0.977	1.01	0.893	1.14	0.481	0.519	---	---	25
26	---	0.8088	0.9678	1.10	0.988	0.997	0.858	1.18	0.510	0.530	---	---	26
27	---	0.7558	0.7338	1.10	0.943	1.00	0.822	1.08	0.581	0.530	---	---	27
28	---	0.8728	0.7588	1.10	1.07	1.01	0.828	1.03	0.576	0.527	---	---	28
29	---		0.8748	1.24	1.08	0.984	0.533	0.983	0.580	0.528	---	---	29
30	---		1.34 B	1.42	0.980	0.787	0.474	0.879	0.539	0.522	---	---	30
31	---		1.43 B		0.910		0.500	0.805		0.518		---	31
TOTAL	---	---	40.788	81.58	43.748	30.780	25.438	30.238	16.487	16.270	---	---	TOTAL
MEAN	---	---	1.32	2.06	1.41	1.03	0.821	0.975	0.550	0.525	---	---	MEAN
MAX	---	---	4.43	8.71	1.87	1.20	3.18	2.52	0.753	0.573	---	---	MAX
MIN	---	---	0.874	1.10	0.910	0.787	0.408	0.428	0.380	0.484	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 8.718 ON APR 1
MINIMUM DAILY, 0.380 ON SEP 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 25 N
LONG 113 56 21 W
DRAINAGE AREA, 727 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 200
FEB	---	AUG	2 810
MAR	3 520	SEP	1 430
APR	5 320	OCT	1 410
MAY	3 780	NOV	---
JUN	2 880	DEC	---

TOTAL DISCHARGE, 22 800 dam³

WILLOW CREEK NEAR CLARESHOLM - STATION NO 05AB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6408	0.6808	0.7208	6.55	1.40	0.884	0.641	0.383	0.792	0.480	0.580	0.5188	1
2	0.6808	0.6808	0.6508	4.80	1.53	0.888	0.433	0.343	0.705	0.478	0.555	0.5508	2
3	0.6808	0.6808	1.00 B	4.94	1.60	0.888	0.382	0.294	0.671	0.482	0.548	0.6508	3
4	0.6408	0.7208	1.20 B	5.04	1.60	0.898	0.380	0.245	0.687	0.462	0.563	0.7008	4
5	0.5898	0.7908	1.40 B	4.28	1.73	0.888	0.463	0.327	0.688	0.459	0.535	0.7008	5
6	0.5808	0.8008	1.40 B	3.90	1.78	0.839	0.844	0.332	0.676	0.472	0.667	0.7008	6
7	0.5808	0.8808	1.30 B	2.74	1.84	0.874	0.581	0.464	0.647	0.475	0.681	0.7008	7
8	0.5808	0.8108	B.9008	2.16	1.81	1.07	0.551	0.484	0.656	0.465	0.683	0.6718	8
9	0.5808	0.8448	0.8448	1.74	1.83	1.09	0.490	0.433	0.608	0.463	0.681	0.6408	9
10	0.5808	0.8508	B.7008	1.61	1.85	1.01	0.577	0.320	0.576	0.497	0.706	0.5808	10
11	0.6008	0.8808	0.9008	1.42	1.83	0.875	0.520	0.344	0.617	0.514	0.722	0.5408	11
12	0.7808	0.8408	1.02 B	1.38	1.71	0.828	0.856	0.537	0.495	0.526	0.689	0.5108	12
13	1.00 B	0.8608	1.02 B	1.33	1.84	0.743	0.833A	0.885	0.444	0.510	0.658	0.5008	13
14	0.7008	0.8608	1.00 B	1.15	1.88	0.708	0.382	1.11	0.412	0.519	0.694	0.5218	14
15	0.5608	0.8508	B.8908	1.18	1.88	0.717	0.290	1.92	0.384	0.533	0.5318	0.5188	15
16	0.5808	0.8408	0.8808	1.24	1.42	0.812	0.315	2.51	0.355	0.553	0.4008	0.5008	16
17	0.5808	0.8308	0.8808	1.20	1.44	1.04	0.341	1.94	0.330	0.575	0.3008	0.5208	17
18	0.5808	0.8108	0.8408	1.21	1.28	1.00	0.473	1.54	0.315	0.563	0.3808	0.5008	18
19	0.5608	0.8808	0.8208	1.28	1.18	1.18	1.21	1.28	0.287	0.586	0.5508	0.5008	19
20	0.5808	0.8708	0.8108	1.21	1.12	1.17	3.48	1.24	0.381	0.559	0.5808	0.5008	20
21	0.5708	0.8508	0.8108	1.18	1.13	1.20	2.10	1.20	0.416	0.574	0.7008	0.5008	21
22	0.5808	0.8208	0.5208	1.07	1.08	1.08	1.78	1.21	0.401	0.584	0.7008	0.5008	22
23	0.5908	0.7878	0.4088	1.12	0.938	0.894	1.27	1.18	0.425	0.584	0.6938	0.5008	23
24	0.6108	0.7508	0.6108	1.22	0.884	0.784	0.898	1.20	0.388	0.569	0.6908	0.5008	24
25	0.6308	0.8008	0.6008	1.16	0.780	0.783	0.885	1.21	0.413	0.585	0.7008	0.5708	25
26	0.6508	0.6108	1.00 B	1.05	0.722	0.884	0.838	1.18	0.446	0.581	0.7008	0.6408	26
27	0.6808	0.6008	0.6008	1.02	0.791	0.720	0.888	1.20	0.484	0.575	0.7008	0.7008	27
28	0.6708	0.6008	0.6008	0.986	0.822	0.788	0.870	1.11	0.481	0.562	0.6588	0.6588	28
29	0.6408		0.7808	1.06	0.888	0.818	0.817	1.04	0.486	0.578	0.5208	0.6008	29
30	0.6808		0.8208	1.20	0.911	0.810	0.913	0.977	0.489	0.584	0.5208	0.5108	30
31	0.6808		2.00 B		0.809		0.453	0.888		0.584		0.4708	31
TOTAL	19.439	23.011	28.702	60.686	41.544	28.070	24.342	29.217	15.108	16.582	16.488	17.880	TOTAL
MEAN	0.627	0.822	0.926	2.02	1.34	0.869	0.785	0.942	0.504	0.536	0.616	0.576	MEAN
MAX	1.00	0.980	2.00	6.55	1.84	1.20	3.48	2.51	0.792	0.581	0.722	0.700	MAX
MIN	0.560	0.600	0.608	0.980	0.722	0.884	0.290	0.245	0.287	0.459	0.300	0.470	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.879
MAXIMUM DAILY, 6.55 ON APR 1
MINIMUM DAILY, 0.245 ON AUG 4
MAXIMUM INSTANTANEOUS,
10.2 AT 07:38 MST ON APR 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 05 N
LONG 113 42 50 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	2 100
FEB	1 890	AUG	2 520
MAR	2 480	SEP	1 310
APR	5 240	OCT	1 430
MAY	3 590	NOV	1 800
JUN	2 250	DEC	1 540

TOTAL DISCHARGE, 27 700 dam³

WILLOW CREEK NEAR NOLAN - STATION NO. 05AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.17 B	2.91	0.744	0.882	1.09	0.839	1.22	0.895	0.563	---	1
2	---	---	1.20 B	7.28	0.738	0.820	1.08	0.821	1.11	0.860	0.568A	---	2
3	---	---	1.27 B	4.85	0.834	0.530	0.888	0.758	0.972	0.932	---	---	3
4	---	---	1.40 B	5.83	0.988	0.483	0.430	0.891	0.946	1.00	---	---	4
5	---	---	1.60 B	5.32	0.908	0.873	0.326	1.27 A	0.982	0.982	---	---	5
6	---	---	1.87 B	4.78	0.884	0.871	0.421	0.740E	0.847	0.872	---	---	6
7	---	---	1.88 B	3.97	0.868	0.708	0.728	0.770E	0.816	0.854	---	---	7
8	---	---	1.85 B	3.20	1.10	0.685	0.869	0.800E	0.841	0.812	---	---	8
9	---	---	1.35 B	2.71	1.13	0.899	0.847	0.850E	0.838	0.820	---	---	9
10	---	---	1.15 B	2.31	1.25	0.869	0.900	0.900E	1.05	0.882	---	---	10
11	---	---	1.18 B	2.18	1.25	0.768	0.747	0.770E	0.822	0.889	---	---	11
12	---	---	1.25 B	2.04	1.11	0.771	0.680	0.780E	0.867	0.871	---	---	12
13	---	---	1.51	1.88	1.10	0.783	0.632	0.850E	0.811	0.837	---	---	13
14	---	---	1.82	1.40 B	1.18	0.802	0.825	1.20 E	0.891	0.833	---	---	14
15	---	---	1.48	1.27 B	1.01	0.848	0.427	1.55 E	0.851	0.835	---	---	15
16	---	---	1.47	1.25 B	0.808	0.829	0.385	2.00 E	0.850	0.827	---	---	16
17	---	---	1.48	1.55	0.867	0.811	0.619	2.50 E	0.816	0.882	---	---	17
18	---	---	1.47	1.55	0.808	1.10	0.601	3.30 E	0.472	0.885	---	---	18
19	---	---	1.50 B	1.48	0.882	1.21	1.16	2.80 E	0.488	0.883	---	---	19
20	---	---	1.50	1.54	0.731	1.28	1.39	2.00 E	0.484	0.875	---	---	20
21	---	---	1.44	1.47	0.807	1.35	3.51	1.50 E	0.410	0.887	---	---	21
22	---	---	1.36	1.40	0.850	1.28	4.85	1.48 E	0.449	0.876	---	---	22
23	---	1.28B	1.20	1.38	0.804	1.26	3.18	1.41 E	0.516	0.889	---	---	23
24	---	1.25B	1.19	1.35	0.489	1.19	1.87	1.42 E	0.807	0.871	---	---	24
25	---	1.20B	1.16	1.34	0.801	0.997	1.81	1.42 E	0.798	0.867	---	---	25
26	---	1.17B	1.38	1.28	0.719	1.01	1.31	1.40 E	0.824	0.845	---	---	26
27	---	1.17B	1.84	1.19	0.804	1.08	1.19	1.40 E	0.785	0.844	---	---	27
28	---	1.16B	1.10 B	1.05	0.910	1.07	1.10	1.40 E	0.747	0.878	---	---	28
29	---		0.870B	0.844	1.01	1.18	1.21	1.38 E	0.760	0.863	---	---	29
30	---		0.920B	0.722	0.941	1.11	1.15	1.29 E	0.850	0.861	---	---	30
31	---		1.35		1.03		0.952	1.24 A		0.858	---	---	31
TOTAL	---	---	42.950	71.186	28.303	28.115	36.003	41.837	22.589	26.855	---	---	TOTAL
MEAN	---	---	1.38	2.37	0.913	0.937	1.16	1.34	0.753	0.873	---	---	MEAN
MAX	---	---	1.88	7.28	1.25	1.35	4.85	3.30	1.22	1.00	---	---	MAX
MIN	---	---	0.870	0.722	0.488	0.483	0.326	0.740	0.410	0.527	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 7.28 ON APR 2
MINIMUM DAILY, 0.326 ON JUL 5
MAXIMUM INSTANTANEOUS,
9.36 AT 02:46 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 33 N
LONG 113 32 13 W
DRAINAGE AREA, 2 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 110
FEB	---	AUG	3 600
MAR	3 710	SEP	1 950
APR	6 150	OCT	1 800
MAY	2 450	NOV	---
JUN	2 430	DEC	---

TOTAL DISCHARGE, 25 200 dam³

WILLOW RIVER NEAR WABASCA - STATION NO. 07JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3808	0.4318	7.78	4.37	1.10	0.920E	3.03 E	0.686	0.659	---	1
2	---	---	0.3718	0.4858	7.74	4.86	1.07	0.930E	1.93 E	0.700	0.6138	---	2
3	---	---	0.3638	0.6238	7.91	14.4	1.04	2.00 E	1.87 E	0.686	0.6768	---	3
4	---	---	0.3588	0.7388	7.93	22.3	0.944	1.95 E	1.83 E	0.662	---	---	4
5	---	---	0.3538	0.8418	7.44	19.0	0.887	1.80 E	1.78 E	0.672	---	---	5
6	---	---	0.3418	0.9058	8.57	14.3	0.854	1.60 E	1.88 E	0.664	---	---	6
7	---	---	0.3358	1.04 B	9.91	11.0	0.812	1.40 E	1.67 E	0.668	---	---	7
8	---	---	0.3328	2.09 B	9.35	8.65	0.803A	1.32 E	1.62 E	0.671	---	---	8
9	---	---	0.3288	2.83 B	8.92	8.89	0.840E	1.30 E	1.45 E	0.658	---	---	9
10	---	---	0.3218	4.33 B	8.81	8.45	0.910E	1.25 E	1.38 E	0.673	---	---	10
11	---	---	0.3198	4.83 B	8.30	9.19	0.890E	1.40 E	1.26 E	0.664	---	---	11
12	---	---	0.3168	5.53 B	8.08	8.81	0.850E	2.00 E	1.22 E	0.659	---	---	12
13	---	---	0.3248	5.40 B	8.77	8.81	0.840E	7.40 E	1.18 E	0.659	---	---	13
14	---	---	0.3358	5.81 B	8.53	8.46	0.850E	8.20 E	1.17 E	0.645	---	---	14
15	---	---	0.3528	6.89 B	8.29	8.50	0.880E	8.20 E	1.13 E	0.665	---	---	15
16	---	---	0.3808	9.09 B	8.06	8.77	0.820E	8.40 E	1.08 E	0.667	---	---	16
17	---	---	0.3878	10.1 B	7.84	8.18	0.840E	8.80 E	1.07 E	0.663	---	---	17
18	---	---	0.3888	11.0 B	7.66	7.79	0.870E	8.40 E	1.13 E	0.636	---	---	18
19	---	---	0.3878	11.1 B	7.66	7.44	0.890E	8.20 E	1.14 E	0.638	---	---	19
20	---	---	0.3868	10.6 B	7.63	7.14	0.880E	8.15 E	1.09 E	0.642	---	---	20
21	---	---	0.4138	8.50	7.50	7.89	0.948A	8.30 E	0.850E	0.634	---	---	21
22	---	---	0.4188	8.44	7.24	7.89	0.940E	8.50 E	0.850E	0.630	---	---	22
23	---	---	0.4188	7.87	6.88	7.88	0.910E	8.80 E	0.780E	0.627	---	---	23
24	---	0.427B	0.4118	7.38	6.24	7.86	0.900E	8.30 E	0.748E	0.627B	---	---	24
25	---	0.418B	0.4048	7.18	6.08	7.83	0.920E	8.80 E	0.728E	0.639B	---	---	25
26	---	0.408B	0.4018	7.81	8.73	7.81	0.940E	8.71 A	0.708E	0.675	---	---	26
27	---	0.394B	0.3848	7.83	8.38	7.43	0.930E	8.62 E	0.688E	0.686	---	---	27
28	---	0.385B	0.3818	7.78	8.20	7.30	0.890E	8.61 E	0.688E	0.674	---	---	28
29	---		0.3838	7.89	8.10	7.14	0.870E	8.62 E	0.679A	0.661	---	---	29
30	---		0.3948	7.82	8.31	7.13	0.900E	8.39 E	0.694	0.659	---	---	30
31	---		0.4188		8.05		0.920E	8.21 E		0.657	---	---	31
TOTAL	---	---	11.442	173.223	145.89	175.87	28.118	88.580	38.039	20.408	---	---	TOTAL
MEAN	---	---	0.369	5.77	4.71	5.87	0.907	2.78	1.20	0.658	---	---	MEAN
MAX	---	---	0.418	11.1	7.93	22.3	1.10	7.40	2.03	0.700	---	---	MAX
MIN	---	---	0.318	0.431	2.88	1.12	0.802	0.930	0.679	0.627	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.77
MAXIMUM DAILY, 22.3 ON JUN 4
MINIMUM DAILY, 0.3188 ON MAR 12
MAXIMUM INSTANTANEOUS,
23.1 AT 09:00 MST ON JUN 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 54 46 N
LONG 113 58 17 W
DRAINAGE AREA, 1 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 430
FEB	---	AUG	7 660
MAR	988	SEP	3 110
APR	15 000	OCT	1 760
MAY	12 800	NOV	---
JUN	15 200	DEC	---

TOTAL DISCHARGE, 69 800 dam³

WINAGAMI LAKE AT PROVINCIAL PARK - STATION NO. 07EF005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	821.550	821.660	821.670	---	---	---	1
2	---	---	---	---	---	---	821.550	821.670	821.660	---	---	---	2
3	---	---	---	---	---	---	821.550	821.650	821.660	---	---	---	3
4	---	---	---	---	---	---	821.550	821.650	821.650	---	---	---	4
5	---	---	---	---	---	821.536	821.550	821.650	821.670	---	---	---	5
6	---	---	---	---	821.598	821.565	821.560	821.650	821.670	---	---	---	6
7	---	---	---	---	---	821.565	821.560	821.650	---	---	---	---	7
8	---	---	---	---	821.599	---	---	821.650	---	821.590	---	---	8
9	---	---	---	821.578	821.618	---	---	821.650	821.670	821.590	---	---	9
10	---	---	---	---	821.598	821.565	821.570	821.650	821.660	821.590	---	---	10
11	---	---	---	---	821.598	821.565	821.560	821.660	821.660	821.590	---	---	11
12	---	---	---	---	821.598	821.565	821.570	821.690	821.670	---	---	---	12
13	---	---	---	---	---	---	821.560	821.660	---	---	---	---	13
14	---	---	---	---	---	821.565	821.570	821.660	821.650	---	---	---	14
15	---	---	---	---	821.588	821.545	821.560	821.670	---	821.580	---	---	15
16	---	---	---	---	821.588	---	821.560	821.660	821.660	821.580	---	---	16
17	---	---	---	821.614	821.558	821.565	821.560	821.660	821.640	821.580	---	---	17
18	---	---	---	---	821.558	821.535	821.560	821.660	821.640	---	---	---	18
19	---	---	---	---	821.557	821.535	821.560	821.660	821.640	---	---	---	19
20	---	821.516	---	---	821.557	821.544	821.560	821.660	821.640	---	---	---	20
21	---	---	---	---	821.547	821.554	821.560	821.660	---	821.560	---	---	21
22	---	---	---	---	821.537	821.554	821.560	821.660	---	821.560	---	---	22
23	---	---	---	821.613	821.547	---	821.560	821.660	821.630	821.560	---	---	23
24	---	---	821.522	---	821.547	821.564	821.560	821.660	821.630	821.550	---	---	24
25	---	---	---	---	821.527	821.538	821.570	821.660	821.630	---	---	---	25
26	---	---	---	---	821.527	821.550	821.560	821.677	821.630	821.562	---	---	26
27	---	---	---	---	821.538	821.550	821.560	821.660	821.630	---	---	---	27
28	---	---	---	---	821.507	821.550	821.600	821.650	821.630	821.550	---	---	28
29	---		---	---	821.542	821.540	821.535	821.670	821.620	821.550	---	---	29
30	---		---	---	821.518	821.550	821.640	821.670	821.640	821.550	821.540	---	30
31	---		---		821.526		821.660	821.670		---		---	31
MEAN	---	---	---	---	---	---	---	821.672	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	821.690	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	821.650	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 821.690 ON AUG 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 37 27 N
LONG 116 40 51 W

REGULATED

DRAINAGE AREA,
2 350 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WOLF CREEK AT HIGHWAY NO 16A - STATION NO 07AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.81 B	0.7618	0.7748	1.108	2.49	4.32	1.58	2.56	1.72	0.803	0.747	0.4608	1
2	1.54 B	0.7998	0.7738	1.438	2.53	3.78	1.41	2.56	1.68	0.872	0.737	0.4648	2
3	1.34 B	0.7738	0.7098	1.908	2.60	3.18	1.85	2.85	1.69	0.862	0.766	0.4808	3
4	1.41 B	0.7868	0.6868	2.508	2.65	2.70	1.63	2.74	1.68	0.832	0.7408	0.4558	4
5	1.36 B	0.7948	0.6538	3.108	2.60	2.40	2.05	2.68	1.57	0.828	0.7808	0.4508	5
6	1.30 B	0.7818	0.6568	4.108	2.37	2.87	2.48	3.39	1.44	0.828	0.7508	0.4458	6
7	1.23 B	0.7808	0.6638	5.408	2.21	2.87	2.45	7.28	1.31	0.834	0.7308	0.4428	7
8	1.18 B	0.7928	0.6638	5.208	2.19	2.90	2.32	5.42	1.22	0.840	0.7188	0.4408	8
9	1.12 B	0.8348	0.6818	5.008	1.93	2.49	2.25	4.48	1.18	0.833	0.7768	0.4588	9
10	1.08 B	0.8738	0.6488	4.908	1.83	2.22	2.50	4.74	1.12	0.838	0.7508	0.4478	10
11	1.15 B	0.8498	0.6528	4.708	1.78	2.25	3.57	5.52A	1.08	0.824	0.7208	0.4108	11
12	1.08 B	0.8208	0.6408	4.508	1.78	2.38	3.50	6.18	1.05	0.813	0.7248	0.3908	12
13	1.00 B	0.8008	0.6228	4.308	2.13	2.18	2.78	5.83	1.03	0.786	0.7008	0.3828	13
14	0.9308	0.7908	0.6358	4.108	2.44	1.88	2.59	5.38	1.04	0.787	0.7548	0.3458	14
15	0.8708	0.7708	0.6408	3.988	2.83	1.87	2.28	4.67	1.04	0.774	0.6808	0.3388	15
16	0.8508	0.7708	0.6478	3.808	2.44	1.70	1.85	4.08	1.03	0.771	0.7238	0.3258	16
17	0.8408	0.7808	0.6518	3.668	2.12	2.49	1.72	3.71	0.983	0.760	0.6008	0.3208	17
18	0.8308	0.7808	0.6588	3.428	1.97	3.51	1.88	3.45	0.976	0.784	0.6828	0.3308	18
19	0.8108	0.7908	0.7088	3.188	2.98	3.13	1.85	3.08	0.958	0.771	0.6118	0.3388	19
20	0.8008	0.8138	0.7388	3.028	4.70	2.49	1.94	2.72	0.939	0.766	0.8868	0.3908	20
21	0.7808	0.7658	0.7728	3.038	7.11	2.26	1.85	2.56	0.931	0.768	0.6408	0.3648	21
22	0.7708	0.8008	0.7678	2.948	9.78	2.26	1.85	2.31	0.900	0.755	0.6308	0.3448	22
23	0.7588	0.8008	0.8238	2.818	11.4	2.62	1.84	2.12	0.864	0.758	0.6108	0.3408	23
24	0.7408	0.8008	0.8188	2.64	11.3	2.18	1.57	1.91	0.835	0.7088	0.6038	0.3508	24
25	0.7208	0.8008	0.8008	2.77	10.2	1.88	1.48	1.74	0.829	0.7718	0.5708	0.3858	25
26	0.7138	0.8008	0.7878	2.70	8.88	1.85	1.47	1.61	0.857	0.8438	0.5508	0.3558	26
27	0.7018	0.7808	0.7858	2.82	7.02	1.82	1.88	1.53	0.865	0.767	0.5408	0.3528	27
28	0.7048	0.7758	0.7718	2.85	6.70	1.45	1.98	1.50	0.881	0.780	0.5208	0.3558	28
29	0.7188		0.7788	2.50	5.34	1.53	1.78	1.70	0.943	0.767	0.5008	0.3278	29
30	0.7108		0.8048	2.50	5.45	1.57	1.53	3.04	0.948	0.765	0.4808	0.3108	30
31	0.7188		0.8698		4.95		1.41	1.88		0.754		0.3008	31
TOTAL	30.339	22.388	23.226	100.80	135.09	72.00	62.85	126.06	33.586	24.767	19.988	11.783	TOTAL
MEAN	0.979	0.796	0.717	3.35	4.36	2.40	2.03	4.07	1.12	0.798	0.867	0.380	MEAN
MAX	1.81	0.873	0.869	5.40	11.4	4.32	3.57	8.38	1.72	0.903	0.780	0.484	MAX
MIN	0.701	0.761	0.622	1.10	1.78	1.45	1.41	1.50	0.829	0.706	0.480	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 11.4 ON MAY 23
MINIMUM DAILY, 0.3008 ON DEC 31
MAXIMUM INSTANTANEOUS,
11.8 AT 21:53 MST ON MAY 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 55 N
LONG 116 19 19 W
DRAINAGE AREA, 839 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 520	JUL	6 430
FEB	1 930	AUG	10 900
MAR	1 920	SEP	2 800
APR	8 660	OCT	2 140
MAY	11 700	NOV	1 730
JUN	6 220	DEC	1 020

TOTAL DISCHARGE, 87 200 dam³

WOLF RIVER AT OUTLET OF WOLF LAKE - STATION NO. 08AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0948	0.1888	0.2378	0.3588	2.81	2.31	---	---	---	0.043	0.012	0.0088	1
2	0.1058	0.1818	0.2308	0.3638	2.74	2.83	---	---	---	0.048	0.013	0.0088	2
3	0.1058	0.1818	0.2388	0.3588	2.73	2.70A	---	---	---	0.045	0.010	0.0088	3
4	0.1068	0.1868	0.2478	0.3868	2.70	---	---	---	---	0.035	0.011	0.0088	4
5	0.1088	0.1948	0.2918	0.3628	2.63	---	---	---	---	0.039	0.0118	0.0118	5
6	0.1088	0.1838	0.2818	0.378	2.53	---	---	---	---	0.039	0.0108	0.0108	6
7	0.1148	0.1848	0.2478	0.463	2.48	---	---	---	---	0.034	0.0098	0.0108	7
8	0.1188	0.1808	0.2478	0.874	2.37	---	---	---	---	0.024	0.0108	0.0098	8
9	0.1198	0.1828	0.2568	1.18	2.36	---	---	---	---	0.026	0.0108	0.0098	9
10	0.1188	0.1818	0.2568	1.37	2.31	---	---	---	---	0.025	0.0098	---	10
11	0.1278	0.1818	0.2568	1.57	2.32	---	---	---	---	0.023	0.0088	---	11
12	0.1288	0.1868	0.2568	1.82	2.27	---	---	---	---	0.020	0.0088	---	12
13	0.1368	0.1878	0.2808	1.94	2.17	---	---	---	---	0.014	0.0108	---	13
14	0.1368	0.1868	0.2728	2.06	2.22	---	---	---	---	0.020	0.0128	---	14
15	0.1368	0.1868	0.3008	2.17	2.12	---	---	---	---	0.020	0.0138	---	15
16	0.1408	0.1888	0.2988	2.29	2.06	---	---	---	---	0.017	0.0118	---	16
17	0.1438	0.2048	0.2978	2.43	2.08	---	---	---	---	0.018	0.0118	---	17
18	0.1598	0.2148	0.3068	2.50	2.07	---	---	---	---	0.013	0.0098	---	18
19	0.1648	0.2148	0.3298	2.85	2.06	---	---	---	---	0.013	0.0118	---	19
20	0.1678	0.2188	0.3698	2.73	2.19	---	---	0.187A	---	0.015	0.0118	---	20
21	0.1708	0.2108	0.3898	2.81	2.20	---	---	---	---	0.014	0.0128	---	21
22	0.1808	0.2048	0.3818	2.82	2.18	---	---	---	---	0.014	0.0128	---	22
23	0.1698	0.2088	0.3978	2.82	2.17	---	---	---	---	0.015	0.0128	---	23
24	0.1658	0.2118	0.3768	2.83	2.21	---	---	---	0.070A	0.014	0.0118	---	24
25	0.1718	0.2158	0.3738	2.81	2.21	---	---	---	0.070	0.008	0.0088	---	25
26	0.1738	0.2138	0.3638	2.82	2.20	---	---	---	0.062	0.008	0.0088	---	26
27	0.1778	0.2138	0.3618	2.81	2.16	---	---	---	0.061	0.011	0.0088	---	27
28	0.1768	0.2278	0.3568	2.80	2.21	---	---	---	0.056	0.011	0.0088	---	28
29	0.1868		0.3568	2.84	2.37	---	---	---	0.056	0.011	0.0088	---	29
30	0.1778		0.3718	2.81	2.46	---	---	---	0.047	0.012	0.0088	---	30
31	0.1868		0.3738		2.43	---	---	---		0.014		---	31
TOTAL	4.432	5.817	9.517	56.450	72.03	---	---	---	---	0.880	0.310	---	TOTAL
MEAN	0.143	0.201	0.307	1.88	2.32	---	---	---	---	0.021	0.010	---	MEAN
MAX	0.186	0.227	0.397	2.82	2.81	---	---	---	---	0.048	0.013	---	MAX
MIN	0.088	0.181	0.230	0.363	2.06	---	---	---	---	0.008	0.008	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.82 ON APR 26

MAXIMUM INSTANTANEOUS,
3.03 AT 15 30 MST ON APR 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 47 N
LONG 111 00 15 W
DRAINAGE AREA, 725 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	383	JUL	---
FEB	488	AUG	---
MAR	822	SEP	---
APR	4 880	OCT	67.0
MAY	6 220	NOV	26.8
JUN	---	DEC	---

WOLVERINE CREEK NEAR VALLEYVIEW STATION NO. 07GF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0038	0.004	0.003	0.001	---	0.009	0.002	0.0038	---	1
2	---	---	---	0.0158	0.004	0.008	0.001	---	0.013	0.002	0.0028	---	2
3	---	---	---	0.0208	0.002	0.005	0.001	---	0.013	0.003	---	---	3
4	---	---	---	0.0318	0.002	0.003	0.001	0.472	0.008	0.003	---	---	4
5	---	---	---	0.0278	0.002	0.003	0.001	0.248	0.008	0.002	---	---	5
6	---	---	---	0.0288	0.002	0.013	0	0.122	0.006	0.002	---	---	6
7	---	---	---	0.0208	0.003	0.006	0	0.062	0.004	0.003	---	---	7
8	---	---	---	0.0168	0.002	0.005	0.001	0.024	0.004	0.002	---	---	8
9	---	---	---	0.0178	0.002	0.003	0.001	0.025	0.007	0.002	---	---	9
10	---	---	---	0.0148	0.002	0.003	0.001	0.053	0.007	0.002	---	---	10
11	---	---	---	0.0208	0.002	0.004	0.001	0.045	0.008	0.003	---	---	11
12	---	---	---	0.0178	0.002	0.002	0.001	0.048	0.008	0.003	---	---	12
13	---	---	---	0.018	0.002	0.001	0	0.048	0.004	0.0028	---	---	13
14	---	---	---	0.020	0.002	0.001	0	0.034	0.004	0.0028	---	---	14
15	---	---	---	0.022	0.002	0.002	0	0.028	0.008	0.0028	---	---	15
16	---	---	---	0.028	0.002	0.002	0.001	0.023	0.004	0.0038	---	---	16
17	---	---	---	0.033	0.002	0.001	0.001	0.029	0.004	0.0038	---	---	17
18	---	---	---	0.037	0.008	0.001	0.001	0.024	0.003	0.0028	---	---	18
19	---	---	08	0.020	0.014	0.001	0	0.018	0.003	0.0038	---	---	19
20	---	---	---	0.017	0.008	0.002	0	0.025	0.003	0.0028	---	---	20
21	---	---	---	0.010	0.007	0.089	0	0.028	0.002	0.0038	---	---	21
22	---	---	---	0.008	0.008	0.045	0	0.021	0.002	0.0038	---	---	22
23	---	---	08	0.005	0.008	0.008	0	0.018	0.002	0.0038	---	---	23
24	---	---	---	0.005	0.004	0.008	0	0.012	0.002	0.0038	---	---	24
25	---	---	---	0.004	0.003	0.004	0	0.010	0.002	0.0038	---	---	25
26	---	---	---	0.004	0.003	0.003	0	0.008	0.003	0.0038	---	---	26
27	---	---	---	0.005	0.003	0.002	0	0.009	0.003	0.0028	---	---	27
28	---	---	---	0.004	0.002	0.002	0.001	0.010	0.002	0.0028	---	---	28
29	---		---	0.006	0.005	0.001	0.008	0.006	0.002	0.0038	---	---	29
30	---		---	0.013	0.005	0.001	0.005	0.008	0.002	0.0038	---	---	30
31	---		---		0.004		0.001	0.008		0.0038		---	31
TOTAL	---	---	---	0.473	0.115	0.240	0.078	---	0.140	0.078	---	---	TOTAL
MEAN	---	---	---	0.016	0.004	0.008	0.003	---	0.005	0.003	---	---	MEAN
MAX	---	---	---	0.033	0.014	0.089	0.051	---	0.013	0.003	---	---	MAX
MIN	---	---	---	0.003	0.002	0.001	0	---	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUL 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 17 N
LONG 117 48 32 W
DRAINAGE AREA, 11.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8.74
FEB	---	AUG	---
MAR	---	SEP	13.1
APR	40.9	OCT	8.74
MAY	8.04	NOV	---
JUN	20.7	DEC	---

YOUNG CREEK NEAR CASTOR - STATION NO. 07FC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.001B	0.001								
2	---	---	0B	0.002B	0.001	0	0	0	0	0	---	---	1
3	---	---	0B	0.003B	0.001	0	0	0	0	0	---	---	2
4	---	---	0B	0.004B	0	0	0	0	0	0	---	---	3
5	---	---	0B	0.040B	0	0	0	0	0	0	---	---	4
						0	0	0	0	0	---	---	5
6	---	---	0B	0.100E	0	0	0	0	0.001	0	---	---	6
7	---	---	0B	0.181A	0	0	0	0	0	0	---	---	7
8	---	---	0B	0.130	0	0	0	0	0	0	---	---	8
9	---	---	0B	0.096	0	0	0	0	0	0	---	---	9
10	---	---	0B	0.085	0	0	0	0	0	0	---	---	10
11	---	---	0B	0.077	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.128	0	0	0	0	0	0	---	---	12
13	---	---	0B	0.095	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.081	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.043	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.030	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.021	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.018	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.028	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.025	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.017	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.012	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.007	0	0	0	0	0	0	---	---	23
24	---	0B	0B	0.006	0	0	0	0	0	0	---	---	24
25	---	0B	0B	0.006	0	0	0	0	0	0	---	---	25
26	---	0B	0B	0.004	0	0	0	0	0	0A	---	---	26
27	---	0B	0B	0.002	0	0	0	0	0	0E	---	---	27
28	---	0B	0B	0.002	0	0	0	0	0	0E	---	---	28
29	---		0B	0.001	0	0	0	0	0	0E	---	---	29
30	---		0B	0.001	0	0	0	0	0	0E	---	---	30
31	---		0B		0		0	0		0E		---	31
TOTAL	---	---	0	1.209	0.003	0	0	0	0.001	0	---	---	TOTAL
MEAN	---	---	0	0.040	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.181	0.001	0	0	0	0.001	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.181A ON APR 7
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 32 N
LONG 111 43 44 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0.03
APR	104	OCT	0
MAY	0.28	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 104 dam³

YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER - STATION NO 07FC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.488B	0	0	0	0	0	0	---	---	1
2	---	---	---	0.368B	0	0	0		0	0	---	---	2
3	---	---	---	0.251B	0	0	0	0.006	0	0	---	---	3
4	---	---	---	0.192B	0	0	0		0	0	---	---	4
5	---	---	---	0.184B	0	0	0	0	0	0	---	---	5
6	---	---	---	0.144	0	0	0		0	0	---	---	6
7	---	---	---	0.121	0	0	0	0	0	0	---	---	7
8	---	---	---	0.191	0	0	0		0	0	---	---	8
9	---	---	---	0.148	0	0	0	0	0	0	---	---	9
10	---	---	---	0.097	0	0	0	0.035	0	0	---	---	10
11	---	---	---	0.183	0	0	0	0.024	0	0	---	---	11
12	---	---	---	0.048	0	0	0		0	0	---	---	12
13	---	---	---	0.011	0	0	0	0	0	0	---	---	13
14	---	---	---	0	0	0	0		0	0	---	---	14
15	---	---	---	0	0	0	0	0	0	0	---	---	15
16	---	---	---	0	0	0	0	0	0	0	---	---	16
17	---	---	---	0	0	0	0		0	0	---	---	17
18	---	---	---	0	0	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0.055	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---		---	0	0	0	0	0	0	0	---	---	29
30	---		---	0	0	0	0	0	0	0	---	---	30
31	---		---	0		0	0	0		0	---	---	31
TOTAL	---	---	---	2.337	0	0	0	0.085	0	0	---	---	TOTAL
MEAN	---	---	---	0.078	0	0	0	0.002	0	0	---	---	MEAN
MAX	---	---	---	0.488	0	0	0	0.035	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.488B ON APR 1
MINIMUM DAILY, 0 ON APR 14
MAXIMUM INSTANTANEOUS,
0.730B AT 20:10 MST ON APR 1

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 49 00 N
LONG 113 47 00 W
DRAINAGE AREA, 31.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	4.78
MAR	---	SEP	0
APR	202	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

NAME	STATION NO.	PAGE
ADAMS CREEK NEAR KINUSO	07BJ004	1
AETNA CREEK AT HIGHWAY NO. 501	05AE012	1
ALBERTA POWER LIMITED COOLING POND OUTLET	05CG007	2
ALKALI CREEK NEAR THE MOUTH	05CK005	2
AMISK CREEK NEAR SHONTS	05EB016	3
ANTELOPE COULEE SPILLWAY	05AA002	3
ATHABASCA RIVER ABOVE JACKFISH CREEK	05BN010	4
ATHABASCA RIVER AT ATHABASCA	07DD007	4
ATHABASCA RIVER AT HINTON	07BE001	5
ATHABASCA RIVER BELOW MCMURRAY	07AD002	5
ATHABASCA RIVER NEAR JASPER	07DA001	6
ATHABASCA RIVER NEAR OLD FORT	07AA002	6
ATHABASCA RIVER NEAR WINDFALL	07DD011	7
ATIM CREEK NEAR SPRUCE GROVE	07AE001	7
ATIMOSWE CREEK NEAR ELK POINT	05EA009	8
	05ED002	8
BABETTE CREEK NEAR COLINTON	07CA008	9
BAPTISTE LAKE NEAR ATHABASCA	07BE002	9
BAPTISTE RIVER NEAR THE MOUTH	05DC012	10
BARE CREEK RESERVOIR NEAR ELKWATER	11AB084	10
BARRIER LAKE NEAR SEEBE	05BF024	11
BATTERSEA DRAIN NEAR THE MOUTH	05AD036	11
BATTLE RIVER NEAR FORESTBURG	05FC001	12
BATTLE RIVER NEAR ONOKA	05FA001	13
BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	05FE004	13
BEAR CREEK NEAR INTERNATIONAL BOUNDARY	11AA028	13
BEAR CREEK NEAR VALHALLA CENTRE	07GE007	14
BEAR LAKE NEAR CLAIRMONT	07GE004	14
BEAR RIVER NEAR GRANDE PRAIRIE	07GE006	15
BEARBERRY CREEK NEAR SUNDRE	05CA011	15
BEAVER CREEK NEAR BROCKET	05AB013	16
BEAVER LAKE AT RANGER STATION	05AA003	16
BEAVER RIVER ABOVE SYNCRUDE	07DA018	17
BEAVER RIVER AT COLD LAKE RESERVE	05AD006	17
BEAVER RIVER NEAR GODDRIDGE	05AA001	18
BEAVERDAM CREEK NEAR COCHRANE	05CB005	18
BEAVERLODGE RIVER NEAR BEAVERLODGE	07GD001	19
BEAVERTAIL CREEK NEAR MYTHE	07GD002	19
BEDDINGTON CREEK NEAR CALGARY	05BM004	20
BELLY - ST. MARY DIVERSION CANAL	05AD021	20
BELLY RIVER NEAR GLENWOOD	05AD041	21
BELLY RIVER NEAR MOUNTAIN VIEW	05AD005	21
BERLAND RIVER NEAR THE MOUTH	07AC007	22
BERRY CREEK BELOW DEADFISH CREEK	05CH018	22
BERRY CREEK NEAR ROSE LYNN	05CH008	23
BERRY CREEK NEAR THE MOUTH	05CH007	23
BERRY CREEK RESERVOIR NEAR SUNNYNOOK	05CH014	24
BERRY CREEK RESERVOIR OUTLET	05CH011	24
BIGELOW RESERVOIR NEAR WIMBORNE	05CE001	25
BICKNIFE CREEK NEAR GADSBY	05FC002	25
BIRCH CREEK NEAR CONKLIN	07CE006	26
BIRCH RIVER BELOW ALICE CREEK	07KE001	26
BLACKMUD CREEK NEAR ELLERSLIE	05DF003	27
BLINDMAN RIVER NEAR BLACKFALDS	05CC001	27
BLINDMAN RIVER NEAR BLUFFTON	05CC008	28
BLOOD INDIAN CREEK NEAR CABIN LAKE	05CK007	28
BLOOD INDIAN CREEK NEAR THE MOUTH	05CK001	29
BOUNTIFUL COULEE INFLOW NEAR CRANFORD	05AG031	29
BOW RIVER AT BANFF	05BB001	30
BOW RIVER AT CALGARY	05BM004	30
BOW RIVER AT LAKE LOUISE	05BA001	31
BOW RIVER BELOW BASSANO DAM	05BM004	31
BOW RIVER BELOW BEARSPAW DAM	05BM008	32
BOW RIVER BELOW CARSELAND DAM	05BM002	32
BOW RIVER BELOW GHOST DAM	05BE006	33
BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL	05BN008	33
BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL	05BN009	34
BOW RIVER DEVELOPMENT DRAIN T NEAR HAYS	05AG005	34
BOW RIVER DEVELOPMENT MAIN CANAL	05AC004	35
BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3	05AC902	35
BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE	05AC013	36
BOW RIVER NEAR SEEBE	05BE004	36
BOW RIVER NEAR THE MOUTH	05BN012	37
BOXELDER CREEK AT HARGRAVE'S RANCH	05AH050	37
BOYER RIVER NEAR FORT VERMILION	07JF002	38
BOYER RIVER NEAR PADDLE PRAIRIE	07JF004	38
BRAZEAU RESERVOIR	05DD006	39
BRAZEAU RIVER BELOW BRAZEAU PLANT	05DD005	39
BRAZEAU RIVER BELOW CARDINAL RIVER	05DD007	40
BREWSTER CREEK NEAR BANFF	05BB004	40
BRIDLEBIT CREEK NEAR VALLEYVIEW	07GF005	41
BROWN CREEK AT FORESTRY ROAD	05DD004	41
BUCHANAN CREEK NEAR MANNING	07HC002	42
BUFFALO CREEK AT HIGHWAY NO. 41	05FE002	42
BUFFALO LAKE NEAR ERSKINE	05CD005	43
BULLPOUND CREEK NEAR THE MOUTH	05CG003	43
BULLPOUND CREEK NEAR WATTS	05CG004	44
CADOTTE RIVER AT OUTLET CADOTTE LAKE	07HB001	44
CAIRN HILL SPILLWAY NEAR THE MOUTH	05BM012	45
CALLING LAKE AT RANGER STATION	07CB001	45
CANADIAN ST. MARY CANAL AT DROP NO. 1	05AF028	46
CANADIAN ST. MARY CANAL NEAR SPRING COULEE	05AE028	46
CARDINAL RIVER NEAR THE MOUTH	05DD008	47
CASCADE POWER DIVERSION NEAR BANFF	05BB004	47
CASCADE RIVER ABOVE LAKE MINNEWANKA	05BB005	48
CASTLE RIVER AT RANGER STATION	05AA028	48
CASTLE RIVER NEAR BEAVER MINES	05AA022	48
CATARACT CREEK NEAR FORESTRY ROAD	05BL023	49
CAVAN LAKE DIVERSION NEAR DUNMORE	05AH044	50
CAVAN LAKE NEAR DUNMORE	05AH048	50
CHAIN LAKES RESERVOIR NEAR HANTON	05AB037	51
CHANEL DES QUATRE FOURCHES AT QUATRE FOURCHES	07KF001	51
CHINCHAGA RIVER NEAR HIGH LEVEL	07DC001	52
CHIP LAKE AT OUTLET TO LOBSTICK RIVER	07BB008	52
CHRISTINA RIVER NEAR CHARD	07CE002	53
CHRISTMAS CREEK NEAR BLUE RIDGE	07AH002	53
CLEAR RIVER NEAR BEAR CANYON	07FD008	54
CLEARWATER RIVER ABOVE CHRISTINA RIVER	07CD005	54
CLEARWATER RIVER ABOVE LIMESTONE CREEK	06DB003	55
CLEARWATER RIVER AT DRAPER	07CD001	55
CLEARWATER RIVER NEAR GOVERCOURT	06DB008	56
COAL LAKE RESERVOIR NEAR WETASKIWIN	05FA018	56
COLD LAKE AT COLD LAKE	06AF002	57
COLQUHOUN CREEK NEAR GRANDE PRAIRIE	07GE008	57
COLUMBINE CREEK NEAR THE MOUTH	05AA004	58
CONNOR CREEK NEAR SANGUDO	07BB008	58
COOKING LAKE AT COOKING LAKE	05EB012	59

NAME	STATION NO.	PAGE
COTTONWOOD CREEK NEAR TWIN BUTTE	05AD002	69
COYOTE CREEK NEAR CHERHILL	07BB014	80
CRESSDAY RESERVOIR NEAR CRESSDAY	11AB007	80
CROWFOOT CREEK NEAR CLUNY	05BM006	81
CROWSNEST RIVER AT FRANK	05AA008	81
CUTBANK RIVER NEAR GRANDE PRAIRIE	07GB001	82
DAPP CREEK AT HIGHWAY NO. 44	07BC005	82
DEADFISH INFLOW CANAL NEAR CESSFORD	05CH012	83
DEEP VALLEY CREEK NEAR VALLEYVIEW	07GF005	83
DEER CREEK (MAIN STEM) NEAR SUNDRE	05CA003	84
DEERLICK CREEK NEAR HINTON	07AF004	84
DICKSON DAM TUNNEL OUTLET	05CE007	85
DICKSON RESERVOIR NEAR DICKSON	05CE008	85
DOG RIVER NEAR FITZGERALD	07HE004	86
DRAIN L-5 NEAR DIAMOND CITY	05AD040	86
DRAIN S-10 NEAR BOW ISLAND	05AJ003	87
DRAIN S-6 NEAR BOW ISLAND	05AJ004	87
DRAIN T-1 NEAR TABER	05AG027	88
DRIEDMEAT CREEK NEAR THE MOUTH	05FA016	88
DRIEDMEAT LAKE AT OUTFLOW	05FA020	89
DRIFTWOOD RIVER NEAR THE MOUTH	07BK007	89
DRY COULEE NEAR MAGRATH	05AE041	70
DRYWOOD CREEK NEAR THE MOUTH	05AD010	70
DUTCH CREEK NEAR THE MOUTH	05AA016	71
EAST PRAIRIE RIVER NEAR EMILDA	07BF001	71
EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM	05CJ003	72
EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO	05CJ001	72
EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM	05CJ004	73
ELBOW RIVER ABOVE ELBOW FALLS	05BJ005	73
ELBOW RIVER AT BRAGG CREEK	05BJ004	74
ELBOW RIVER AT SARCEE BRIDGE	05BJ010	74
ELBOW RIVER BELOW GLENMORE DAM	05BJ001	75
ELDER CREEK AT HIGHWAY NO. 666	07HB002	75
ELKWATER LAKE AT ELKWATER	05AH025	76
EMBARRAS RIVER AT ROSS	07AF005	76
EMBARRAS RIVER BELOW DIVERGENCE	07DD003	77
EMBARRAS RIVER BREAKTHROUGH TO MAMAWI LAKE	07KF015	77
EMBARRAS RIVER NEAR WEALD	07AF014	78
ERITH RIVER BELOW MANLAN CREEK	07AF007	78
ETHEL LAKE NEAR COLD LAKE	05AC004	78
ETZIKOM COULEE NEAR HEMISKAM	05AF005	79
EUNICE CREEK NEAR HINTON	07AF006	80
EUREKA RIVER NEAR WORSLEY	07FD013	80
EXPANSE COULEE NEAR THE MOUTH	05AG003	81
FALLENTIMBER CREEK NEAR SUNDRE	05CA012	81
FAWCETT LAKE NEAR SMITH	07BK006	82
FIREBAG RIVER NEAR THE MOUTH	07DC001	82
FISH CREEK ABOVE LITTLE FISH LAKE	05CG006	83
FISH CREEK NEAR PRIDDIS	05BK001	83
FLAT CREEK NEAR BOYLE	07CA003	84
FOOTHILLS CREEK NEAR PINCHER CREEK	05AD001	84
FORSTER RESERVOIR NEAR CESSFORD	05CH013	85
FREEMAN RIVER NEAR FORT ASSINIBOINE	07AH001	85
GALWEY BROOK NEAR WATERTON PARK	05AE004	86
GHOST LAKE NEAR COCHRANE	05BE005	86
GHOST RIVER ABOVE WAIPAROUS CREEK	05BG010	87
GHOST RIVER DIVERSION TO LAKE MINNEWANKA	05BG003	87
GHOST RIVER NEAR BLACK ROCK MOUNTAIN	05BG002	88
GLENMORE RESERVOIR AT CALGARY	05BJ001	88
GOAT CREEK AT BANFF PARK BOUNDARY	05BC008	89
GOLD CREEK NEAR FRANK	05AA030	89
GRANDE PRAIRIE CREEK NEAR SEXSMITH	07GE003	90
GREASEWOOD RESERVOIR NEAR ELKWATER	11AB002	90
GREGG RIVER NEAR THE MOUTH	07AF015	91
GREGOIRE LAKE NEAR FORT MCMURRAY	07CE001	91
GROAT CREEK NEAR WHITECOURT	07AG005	92
GROS VENTRE CREEK NEAR DUNMORE	05AH027	92
GULL LAKE AT ASPEN BEACH	05CC005	93
HANGINGSTONE RIVER AT FORT MCMURRAY	07CD004	93
HARTLEY CREEK NEAR FORT MACKAY	07BA004	94
HASTINGS LAKE NEAR DEVILLE	05EE011	94
HAY RIVER NEAR MEANDER RIVER	07BE001	95
HAYNES CREEK NEAR HAYNES	05CD005	95
HEART RIVER NEAR HAMPA	07HA003	96
HIGHWOOD DIVERSION CANAL NEAR HEADGATES	05BL025	96
HIGHWOOD RIVER AT DIEBEL'S RANCH	05BL019	97
HIGHWOOD RIVER BELOW LITTLE BOW CANAL	05BL004	97
HIGHWOOD RIVER NEAR ALDERSYDE	05BL009	98
HIGHWOOD RIVER NEAR THE MOUTH	05BL024	98
HILDA LAKE NEAR COLD LAKE	05AC003	99
HINES CREEK ABOVE GERRY LAKE	07FD011	99
HINES CREEK NEAR FAIRVIEW	07FD008	100
HORSE CREEK NEAR VALLEYVIEW	07GF007	100
HOUSE RIVER AT HIGHWAY NO. 63	07CB002	101
IOSEGUN RIVER NEAR LITTLE SMOKY	07EG003	101
IRON CREEK NEAR HARDISTY	05FB003	102
IRON CREEK NEAR VIKING	05FB003	102
ISLE LAKE AT EUREKA BEACH	05EA004	103
JACKFISH CREEK NEAR LA COREY	05AC001	103
JACKFISH RIVER BELOW CHRISTINA LAKE	07CE005	104
JACKPINE CREEK AT WADLIN LAKE ROAD	07JD003	104
JAMES RIVER NEAR SUNDRE	05CA002	105
JAYDOT RESERVOIR NEAR JAYDOT	11AB008	105
JOHNSTON CREEK NEAR THE MOUTH	05BA006	106
JOSLYN CREEK NEAR FORT MACKAY	07DA015	106
JUMPINGPOUND CREEK NEAR COX HILL	05BM013	107
JUMPINGPOUND CREEK NEAR THE MOUTH	05BM009	107
KAKWA RIVER NEAR GRANDE PRAIRIE	07EE003	108
KANANASKIS RIVER ABOVE POCATERRA CREEK	05BF003	108
KANANASKIS RIVER BELOW BARRIER DAM	05BF025	109
KEG RIVER AT HIGHWAY NO. 35	07HF002	109
KENNEDY COULEE NEAR ACADIA VALLEY	05CK006	110
KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN	05GA010	110
KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE	07GE002	111
KNEEHILLS CREEK NEAR DRUMHELLER	05CE002	111
KRAWCHUK DRAINAGE NEAR MCLENNAN	07HA002	112
KYISKAP CREEK NEAR GRANUM	05AB036	112
L.N.I.D. - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES	05AC026	113
LA BICHE RIVER AT HIGHWAY NO. 63	07CA011	113
LAC LA BICHE AT LAC LA BICHE	07CA004	114

NAME	STATION NO.	PAGE
LAC LA NONNE AT LAC LA NONNE	07BB007	114
LAC STE. ANNE AT ALBERTA BEACH	05EA005	115
LAFOND CREEK NEAR RED EARTH CREEK	07JC001	115
LAKE ABRAHAM NEAR NORDEGG	05DC005	116
LAKE ATHABASCA AT BUSTARD ISLAND	07MD002	116
LAKE ATHABASCA AT FORT CHIPEWYAN	07MD001	117
LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	07KF002	117
LAKE MINNEWANKA NEAR BANFF	05BD003	118
LAKE SHERBURNE	05AE036	118
LALBY CREEK NEAR GIROUXVILLE	07GJ005	118
LATERAL 10 SPILLWAY NEAR CHIN	05AG007	119
LEE CREEK AT CARDSTON	05AE002	120
LEE CREEK BELOW CONFLUENCE OF EAST FORK	05AE004	120
LESSER SLAVE LAKE AT FAUST	07BJ002	121
LESSER SLAVE LAKE AT SLAVE LAKE	07BJ004	121
LESSER SLAVE RIVER AT HIGHWAY NO. 2A	07BK005	122
LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL ABOVE GLOMAN FLUME	05AB019	122
LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KEHO OUTFLOW	05AC026	123
LILY CREEK NEAR SLAVE LAKE	07BG004	123
LITTLE BERLAND RIVER AT HIGHWAY NO. 40	07AC005	124
LITTLE BOW CANAL AT HIGH RIVER	05BL015	124
LITTLE BOW RIVER AT CARMANGAY	05AC003	125
LITTLE BOW RIVER BELOW TRAVERS DAM	05AC012	125
LITTLE BOW RIVER NEAR THE MOUTH	05AC023	126
LITTLE ELBOW RIVER ABOVE NIHAHI CREEK	05BJ005	126
LITTLE PADDLE RIVER NEAR MAYERTHORPE	07BB005	127
LITTLE RED DEER RIVER NEAR THE MOUTH	05CB001	127
LITTLE RED DEER RIVER NEAR WATER VALLEY	05CB002	128
LITTLE SMOKY RIVER AT LITTLE SMOKY	07GG002	128
LITTLE SMOKY RIVER NEAR GUY	07GH002	129
LLOYD CREEK NEAR BLUFFTON	05CC005	129
LODGE CREEK AT HIGHWAY NO. 41	11AB002	130
LOGAN RIVER NEAR THE MOUTH	07CA012	130
LOMOND LATERAL NEAR HEADGATE	05AC017	131
LOVETT RIVER NEAR THE MOUTH	07BA003	131
LOWER KANANASKIS LAKE	05BF005	132
LOYALIST CREEK NEAR CONSORT	05GA013	132
LUTOSE CREEK NEAR STEEN RIVER	07DB005	133
MACKAY CREEK AT WALSH	05AH002	133
MACKAY CREEK NEAR GRABURN GAP	05AH042	134
MACKAY RIVER ABOVE DUNKIRK RIVER	07DB005	134
MACKAY RIVER NEAR FORT MACKAY	07DB001	135
MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE	05AE021	135
MALIGNE RIVER NEAR JASPER	07AA004	136
MAMAWI LAKE CHANNEL AT OLD DOG CAMP	07KF003	136
MANATOKAN CREEK NEAR IRON RIVER	05AC008	137
MANYBERRIES CREEK AT BRODIN'S FARM	05AF010	137
MARIE LAKE NEAR COLD LAKE	05AC005	138
MARMOT CREEK MAIN STEM NEAR SEEBE	05BF018	138
MARTINEAU RIVER ABOVE COLD LAKE	05AF004	139
MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE	05FA014	139
MASSY RESERVOIR NEAR ELKWATER	11AB104	140
MATZHIWIN CREEK ABOVE WARE COULEE	05CJ007	140
MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE	05AH043	141
MCGREGOR LAKE INFLOW NEAR MILO	05AC024	141
MCGREGOR TRAVERS CANAL NEAR CHAMPION	05AC025	142
MCLEOD RIVER ABOVE EMBARRAS RIVER	07AF002	142
MCLEOD RIVER NEAR CADOMIN	07AF013	143
MCLEOD RIVER NEAR ROSEVEAR	07AG007	143
MCLEOD RIVER NEAR WHITECOURT	07AG004	144
MEADOW CREEK NEAR THE MOUTH	05AB028	144
MEDICINE RIVER NEAR ECKVILLE	05CC007	145
MEETING CREEK NEAR DONALDA	05FC006	145
MICHEL RESERVOIR NEAR ELKWATER	11AB091	146
MICHICHI CREEK AT DRUMHELLER	05CE020	146
MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY	11AB009	147
MIETTE RIVER NEAR JASPER	07AA001	147
MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY	11AA031	148
MILK RIVER AT MILK RIVER	11AA005	148
MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	11AA025	149
MILK RIVER RIDGE RESERVOIR	05AF030	149
MINERS COULEE NEAR INTERNATIONAL BOUNDARY	11AA029	150
MINISTIK LAKE NEAR NEW SAREPTA	05EB013	150
MIQUELON LAKE AT PROVINCIAL PARK	05EB014	151
MISTAYA RIVER NEAR SASKATCHEWAN CROSSING	05DA007	151
MITCHELL RESERVOIR NEAR ELKWATER	11AB098	152
MONITOR CREEK NEAR CONSORT	05GA011	152
MONITOR CREEK NEAR MONITOR	05GA003	153
MONTAGNEUSE RIVER NEAR HINES CREEK	07FD012	153
MOORE LAKE NEAR COLD LAKE	05AC002	154
MOOSEHILLS CREEK NEAR ELK POINT	05ED003	154
MOOSELAKE RIVER NEAR FRANCHERE	05AC006	155
MOSQUITO CREEK NEAR THE MOUTH	05AC031	155
MOUNTAIN VIEW IRRIGATION DISTRICT CANAL	05AD017	156
MUD LAKE DIVERSION CANAL	05BF013	156
MURIEL LAKE AT GURNEYVILLE	05AC007	157
MUSKEG CREEK NEAR WESTEROSE	05FA012	157
MUSKEG RIVER NEAR FORT MACKAY	07DA006	158
MUSKEG RIVER NEAR GRANDE CACHE	07GA002	158
NAMEPI CREEK NEAR THE MOUTH	05EC004	159
NEW WEST COULEE NEAR THE MOUTH	05BN006	159
NINE MILE COULEE NEAR LETHBRIDGE	05AE042	160
NORDEGG RIVER AT SUNCHILD ROAD	05DD009	160
NORTH FORK MILK RIVER ABOVE ST. MARY CANAL	11AA032	161
NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY	11AA001	161
NORTH RAM RIVER AT FORESTRY ROAD	05DC011	162
NORTH SASKATCHEWAN RIVER AT EDMONTON	05DF001	162
NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT	05DA008	163
NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT	05DC010	163
NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE	05DE008	164
NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE	05DC001	164
NOSE CREEK NEAR THE MOUTH	05BH001	165
NOTIKEWIN RIVER AT MANNING	07HC001	165
OLDMAN RIVER NEAR BROCKET	05AA024	166
OLDMAN RIVER NEAR LETHBRIDGE	05AD007	166
OLDMAN RIVER NEAR THE MOUTH	05AG006	167
OLDMAN RIVER NEAR WALDRON'S CORNER	05AA023	167
ONETREE CREEK NEAR PATRICIA	05CJ005	168
OWL RIVER BELOW PICHE RIVER	07CA013	168
PADDLE RIVER AT BARRHEAD	07BB006	169
PADDLE RIVER AT HIGHWAY NO. 754	07BB013	169
PADDLE RIVER NEAR ANSELMO	07BB011	170
PADDLE RIVER NEAR ROCHFORT BRIDGE	07BB004	170
PADDLE RIVER NEAR SANGUDO	07BB012	171
PADDLE RIVER RESERVOIR NEAR ROCHFORT BRIDGE	07BB014	171

NAME	STATION NO.	PAGE
PAINTEARTH CREEK NEAR HALKIRK	05FC004	172
PARPLESH CREEK NEAR CHANCELLOR	05BM007	172
PARLBY CREEK AT ALIX	05CD007	173
PARLBY CREEK NEAR MIRROR	05CD802	173
PEACE RIVER AT DUNVEGAN BRIDGE	07FD003	174
PEACE RIVER AT FORT VERMILION	07HF001	174
PEACE RIVER AT PEACE POINT	07KC001	175
PEACE RIVER AT PEACE RIVER	07HA001	175
PEACE RIVER BELOW CHANEL DES QUATRE FOURCHES	07KC005	176
PEAVINE CREEK NEAR PALMER	07GH004	176
PEERLESS LAKE NEAR PEERLESS LAKE	07JB001	177
PEIGAN CREEK NEAR PAKOWKI ROAD	05AH041	177
PEKISKO CREEK NEAR LONGVIEW	05BL023	178
PEMBINA RIVER AT JARVIE	07BC002	178
PEMBINA RIVER BELOW PADDY CREEK	07BA001	179
PEMBINA RIVER NEAR ENTWISTLE	07BB002	179
PIGEON LAKE AT GRANDVIEW	05FA013	180
PIGEON LAKE CREEK NEAR USONA	05FA019	180
PINCHER CREEK AT PINCHER CREEK	05AA004	181
PINE CREEK NEAR GRASSLAND	07CA005	181
PINTO CREEK NEAR GRANDE PRAIRIE	07GC002	182
PIPESTONE CREEK BELOW BIGSTONE CREEK	05FA022	182
PIPESTONE RIVER NEAR LAKE LOUISE	05BA002	183
PIYAMI DRAIN NEAR PICTURE BUTTE	05AD037	183
POINTE-AUX-PINS CREEK NEAR ARDROSSAN	05EB802	184
POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN	05EB809	184
POINTE-AUX-PINS TRIBUTARY NO. 2 NEAR ARDROSSAN	05EB810	185
POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN	05EB811	185
PONTON RIVER ABOVE BOYER RIVER	07JF003	186
PONY CREEK NEAR CHARD	07CE003	186
PORTER CREEK ABOVE BAPTISTE LAKE	07BE003	187
POTHOLE CREEK AT RUSSELL'S RANCH	05AE016	187
POTHOLE TURNOUT NEAR MAGRATH	05AE038	188
PRAIRIE BLOOD COULEE NEAR LETHBRIDGE	05AD035	188
PRAIRIE CREEK BELOW LICK CREEK	05DB005	189
PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE	05DB002	189
PUNK CREEK NEAR THE MOUTH	05AB003	190
RACEHORSE CREEK NEAR THE MOUTH	05AA027	190
RAM RIVER NEAR THE MOUTH	05DC006	191
RAT CREEK NEAR CYNTHIA	07BA002	191
RAVEN RIVER NEAR RAVEN	05CB004	192
RAY CREEK NEAR INNISFAIL	05CE010	192
RED DEER RIVER ABOVE PANTHER RIVER	05CA004	193
RED DEER RIVER AT DRUMHELLER	05CE001	193
RED DEER RIVER AT RED DEER	05CC002	194
RED DEER RIVER BELOW BURNT TIMBER CREEK	05CA008	194
RED DEER RIVER NEAR BINDLOSS	05CK004	195
REDEARTH CREEK NEAR RED EARTH CREEK	07JC002	195
REDEARTH CREEK NEAR THE MOUTH	05BB005	196
REDWATER RIVER NEAR THE MOUTH	05EC005	196
REDWATER RIVER NEAR VIMY	05EC007	197
REDWILLOW CREEK NEAR RED WILLOW	05FC006	197
REDWILLOW RIVER NEAR BEAVERLODGE	07GD003	198
REESOR RESERVOIR NEAR ELKWATER	11AB090	198
REITA CREEK NEAR OUTLET OF ANGLING LAKE	06AD013	199
RENWICK CREEK NEAR THREE HILLS	05CE011	199
RIBSTONE CREEK NEAR CZAR	05FD005	200
RIBSTONE CREEK NEAR EDGERTON	05FD001	200
RIBSTONE CREEK TRIBUTARY NEAR CORONATION	05FD006	201
RICHARDSON RIVER NEAR THE MOUTH	07DD002	201
RIVIERE DES ROCHERS ABOVE SLAVE RIVER	07NA001	202
RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS	07NA007	202
RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS	07NA008	203
ROBERT CREEK NEAR ANZAC	07CE004	203
ROCKY CREEK NEAR VALLEYVIEW	07GF008	204
ROLPH CREEK NEAR KIMBALL	05AE005	204
ROMEO CREEK ABOVE ROMEO LAKE	07BB803	205
RONALANE WASTEWAY NEAR MAYS	05BN007	205
ROSE CREEK NEAR ALDER FLATS	05DE007	206
ROSEBUD RIVER AT REDLAND	05CE005	206
ROSEBUD RIVER BELOW CARSTAIRS CREEK	05CE006	207
ROSS CREEK AT MEDICINE HAT	05AH048	207
ROSS CREEK NEAR IRVINE	05AH003	208
RUSH LAKE DRAIN NEAR NEW DAYTON	05AF031	208
RYCROFT SURVEY NO. 3 NEAR RYCROFT	07FD810	209
SADDLE RIVER NEAR WOKING	07FD006	209
SAGE CREEK AT O RANCH NEAR WILDHORSE	11AA026	210
SAKWATAMAU RIVER NEAR WHITECOURT	07AH003	210
SALT CREEK NEAR GROUARD	07BF009	211
SAM LAKE TRIBUTARY NEAR SCHULER	05AH047	211
SAND RIVER NEAR THE MOUTH	06AB001	212
SAULTEAUX RIVER NEAR SPURFIELD	07BK005	212
SAWRIDGE CREEK NEAR SLAVE LAKE	07BK009	213
SEVEN PERSONS CREEK AT MEDICINE HAT	05AH005	213
SHEEP COULEE NEAR CARSTAIRS	05CE019	214
SHEEP RIVER AT BLACK DIAMOND	05BL014	214
SIFFLEUR RIVER NEAR THE MOUTH	05DA002	215
SILVERHORN CREEK NEAR THE MOUTH	05DA010	215
SIMONETTE RIVER NEAR GODWIN	07GF001	216
SLAVE RIVER AT FITZGERALD	07NB001	216
SMOKY RIVER ABOVE HELLS CREEK	07GA001	217
SMOKY RIVER AT WATINO	07GJ001	217
SNAKE CREEK NEAR VULCAN	05AC030	218
SNAKE INDIAN RIVER NEAR THE MOUTH	07AB002	218
SOUNDING CREEK NEAR CHINOOK	05GA012	218
SOUNDING CREEK NEAR OYEN	05GA008	219
SOUSA CREEK NEAR HIGH LEVEL	07OA001	220
SOUTH FORK MILK RIVER NEAR BASS	11AA033	220
SOUTH HEART RESERVOIR NEAR MCLENNAN	07BF008	221
SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41	05AK001	221
SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT	05AJ001	222
SOUTH WABASCA LAKE NEAR DESMARAIS	07JA002	222
SPRAY POWER DIVERSION AT CANMORE	05BE007	223
SPRAY RESERVOIR AT THREE SISTERS DAM	05BC006	223
SPRAY RIVER AT BANFF	05BC001	224
SPRING CREEK (UPPER) NEAR VALLEYVIEW	07GF004	224
SPRING CREEK NEAR VALLEYVIEW	07GF002	225
SQUAW COULEE DIVERSION BELOW SQUAW COULEE DAM	05AC817	225
ST. MARY CANAL AT ST. MARY CROSSING	05AE028	226
ST. MARY RESERVOIR NEAR SPRING COULEE	05AE026	226
ST. MARY RIVER AT INTERNATIONAL BOUNDARY	05AE027	227
ST. MARY RIVER NEAR LETHBRIDGE	05AE006	227
STEELE LAKE NEAR JARVIE	07BC005	228
STEEN RIVER NEAR STEEN RIVER	07OB004	228
STEEPBANK RIVER NEAR FORT MCMURRAY	07DA008	229
STIMSON CREEK NEAR PEKISKO	05BL007	229
STIRLING LAKE OUTFLOW NEAR STIRLING	05AF029	230

NAME	STATION NO.	PAGE
STONY CREEK NEAR TAWATINAW	07BE004	230
STRAWBERRY CREEK NEAR THE MOUTH	08DF004	231
STRETTON CREEK NEAR MARWAYNE	05EE005	231
STURGEON LAKE AT WILLIAMSON PARK	07GH003	232
STURGEON RIVER NEAR PORT SASKATCHEWAN	05EA001	232
STURGEON RIVER NEAR MAGNOLIA BRIDGE	05EA010	233
STURGEON RIVER NEAR VILLENEUVE	05EA005	233
SUNDANCE CREEK NEAR BICKERDIKE	07AF010	234
SUNWAPTA RIVER AT ATHABASCA GLACIER	07AA007	234
SWAN RIVER NEAR KINUSO	07BJ001	235
SWAN RIVER NEAR SWAN HILLS	07BJ003	235
SWIFTCURRENT CREEK AT SHERBURNE	05AE033	236
SYLVAN LAKE AT SYLVAN LAKE	05CC003	236
TEEPEE CREEK NEAR LA CRETE	07JD004	237
THREEHILLS CREEK BELOW RAY CREEK	05CE018	237
THREEHILLS CREEK NEAR CARBON	05CE007	238
THREEPOINT CREEK NEAR MILLARVILLE	05BL013	238
TINDASTOLL CREEK NEAR MARKERVILLE	05CC012	239
TODD CREEK AT ELTON'S RANCH	05AA006	239
TODD CREEK NEAR HIGHWAY NO.22	05AA909	240
TOMAHAWK CREEK NEAR TOMAHAWK	05DE005	240
TOUGH CREEK NEAR BEAZER	05AE038	241
TRAP CREEK NEAR LONGVIEW	05BL027	241
TROUT CREEK NEAR GRANUM	05AB005	242
TWELVE MILE COULEE SPILLWAY NEAR CARSELAND	05BN002	242
TWELVE MILE CREEK NEAR CECIL	05BN003	243
UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING	05AD013	243
UNNAMED CREEK NEAR FORT MACKAY	07DA011	244
UPPER KANANASKIS LAKE	05BF005	244
UTIKUMA LAKE NEAR NIPISI	07JA001	245
VERDIGRIS COULEE NEAR THE MOUTH	11AA038	245
VERDIGRIS LAKE TRIBUTARY NEAR MILK RIVER	11AA039	246
VERMILION PARK LAKE NEAR VERMILION	05EE006	246
VERMILION RIVER AT VEGREVILLE	05EE009	247
VERMILION RIVER DRAINAGE NEAR HOLDEN	05EE913	247
VERMILION RIVER NEAR MARWAYNE	05EE007	248
VERMILION RIVER TRIBUTARY NEAR BRUCE	05EE008	248
VIXEN CREEK NEAR BELLOY	07FD921	249
WABAMUN CREEK NEAR DUFFIELD	05DE003	249
WABAMUN LAKE AT WABAMUN	05DE002	250
WABASCA RIVER AT WADLIN LAKE ROAD	07JD002	250
WABASCA RIVER BELOW TROUT RIVER	07JB002	251
WABASH CREEK NEAR PINBROOK	07BC007	251
WABATANISK CREEK AT HIGHWAY NO. 876	07GH005	252
WAINSCOTT COULEE NEAR BROWNVALE	07FD014	252
WAIPAROUS CREEK NEAR THE MOUTH	05BG006	253
WAMPUS CREEK NEAR HINTON	07AF003	253
WANDERING RIVER NEAR WANDERING RIVER	07CA008	254
WAPITI RIVER NEAR GRANDE PRAIRIE	07GE001	254
WARE COULEE ABOVE MATZHIWIN CREEK	05CJ008	255
WASKAMIGAN RIVER NEAR THE MOUTH	07GG001	255
WASKASOO CREEK AT RED DEER	05CC011	256
WASKATENAU CREEK NEAR WASKATENAU	05EC002	256
WATERTON - BELLY DIVERSION CANAL	05AD027	257
WATERTON LAKE AT WATERTON PARK	05AD025	257
WATERTON RESERVOIR	05AD026	258
WATERTON RIVER NEAR GLENWOOD	05AD038	258
WATERTON RIVER NEAR WATERTON PARK	05AD003	259
WEILLER CREEK NEAR WETASKIWIN	05FA024	259
WELCH CREEK TRIBUTARY NEAR LEEDALE	05CC010	260
WEST ARROWWOOD CREEK NEAR ARROWWOOD	05BM014	260
WEST ARROWWOOD CREEK NEAR ENSIGN	05BM018	261
WEST PRAIRIE RIVER NEAR HIGH PRAIRIE	07BF002	261
WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE	05BM003	262
WHIRLPOOL RIVER NEAR THE MOUTH	07AA005	262
WHISKEYJACK CREEK NEAR HINTON	07AD004	263
WHITE EARTH CREEK NEAR SMOKY LAKE	05EC006	263
WHITEHORSE CREEK NEAR CADOMIN	07AF910	264
WHITEMUD CREEK (WEST BRANCH) NEAR IRETON	05DF007	264
WHITEMUD CREEK NEAR ELLERSLIE	05DF006	265
WHITEMUD RIVER NEAR DIXONVILLE	07HA005	265
WILDHAY RIVER NEAR HINTON	07AC001	266
WILLOW CREEK ABOVE CHAIN LAKES	05AB028	266
WILLOW CREEK BELOW LAKE CREEK	05AB038	267
WILLOW CREEK NEAR CLARESHOLM	05AB021	267
WILLOW CREEK NEAR NOLAN	05AB002	268
WILLOW RIVER NEAR WABASCA	07JA003	268
WINAGAMI LAKE AT PROVINCIAL PARK	07BF006	269
WOLF CREEK AT HIGHWAY NO. 18A	07AC003	269
WOLF RIVER AT OUTLET OF WOLF LAKE	05AB002	270
WOLVERINE CREEK NEAR VALLEYVIEW	07CF003	270
YOUNG CREEK NEAR CASTOR	05FC007	271
YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER	07FD813	271

STATION NO.	NAME	PAGE
05AA004	PINCHER CREEK AT PINCHER CREEK	181
05AA005	TODD CREEK AT ELTON'S RANCH	239
05AA006	CROWSNEST RIVER AT FRANK	61
05AA022	CASTLE RIVER NEAR BEAVER MINES	49
05AA023	OLDMAN RIVER NEAR WALDRON'S CORNER	187
05AA024	OLDMAN RIVER NEAR BROCKET	186
05AA025	DUTCH CREEK NEAR THE MOUTH	71
05AA027	RACEHORSE CREEK NEAR THE MOUTH	190
05AA028	CASTLE RIVER AT RANGER STATION	48
05AA030	GOLD CREEK NEAR FRANK	89
05AA506	TODD CREEK NEAR HIGHWAY NO.22	240
05AB002	WILLOW CREEK NEAR NOLAN	288
05AB005	TROUT CREEK NEAR GRANUM	242
05AB013	BEAVER CREEK NEAR BROCKET	16
05AB019	LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL ABOVE OLDMAN FLUME	122
05AB021	WILLOW CREEK NEAR CLARESHOLM	287
05AB028	WILLOW CREEK ABOVE CHAIN LAKES	288
05AB029	MEADOW CREEK NEAR THE MOUTH	144
05AB037	CHAIN LAKES RESERVOIR NEAR NANTON	51
05AB038	KYISKAP CREEK NEAR GRANUM	112
05AB039	WILLOW CREEK BELOW LANE CREEK	287
05AC003	LITTLE BOW RIVER AT CARMANGAY	125
05AC004	BOW RIVER DEVELOPMENT MAIN CANAL	35
05AC012	LITTLE BOW RIVER BELOW TRAVERS DAM	125
05AC013	BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE	36
05AC017	LOMOND LATERAL NEAR HEADGATE	131
05AC023	LITTLE BOW RIVER NEAR THE MOUTH	138
05AC024	MCGREGOR LAKE INFLOW NEAR MILO	141
05AC025	MCGREGOR TRAVERS CANAL NEAR CHAMPION	142
05AC026	LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KEHO OUTFLOW	123
05AC028	L.N.I.D. - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES	113
05AC030	SNAKE CREEK NEAR VULCAN	218
05AC031	MOSQUITO CREEK NEAR THE MOUTH	166
05AC902	BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3	35
05AC917	SQUAW COULEE DIVERSION BELOW SQUAW COULEE DAM	228
05AD003	WATERTON RIVER NEAR WATERTON PARK	288
05AD005	BELLY RIVER NEAR MOUNTAIN VIEW	21
05AD007	OLDMAN RIVER NEAR LETHBRIDGE	186
05AD010	DRYWOOD CREEK NEAR THE MOUTH	70
05AD013	UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING	243
05AD021	BELLY - ST. MARY DIVERSION CANAL	158
05AD025	WATERTON LAKE AT WATERTON PARK	20
05AD026	WATERTON RESERVOIR	257
05AD027	WATERTON - BELLY DIVERSION CANAL	258
05AD028	WATERTON RIVER NEAR GLENWOOD	257
05AD035	PRAIRIE BLOOD COULEE NEAR LETHBRIDGE	258
05AD037	PIYAMI DRAIN NEAR PICTURE BUTTE	188
05AD038	BATTERSEA DRAIN NEAR THE MOUTH	163
05AD040	DRAIN L-5 NEAR DIAMOND CITY	11
05AD041	BELLY RIVER NEAR GLENWOOD	88
05AD901	FOOTHILLS CREEK NEAR PINCHER CREEK	21
05AD903	COTTONWOOD CREEK NEAR TWIN BUTTE	84
05AD904	GALWEY BROOK NEAR WATERTON PARK	89
05AE002	LEE CREEK AT CARDSTON	86
05AE005	ROLPH CREEK NEAR KIMBALL	120
05AE006	ST. MARY RIVER NEAR LETHBRIDGE	204
05AE016	POTHOLE CREEK AT RUSSELL'S RANCH	227
05AE021	MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE	167
05AE025	ST. MARY RESERVOIR NEAR SPRING COULEE	135
05AE026	CANADIAN ST. MARY CANAL NEAR SPRING COULEE	226
05AE027	ST. MARY RIVER AT INTERNATIONAL BOUNDARY	46
05AE029	ST. MARY CANAL AT ST. MARY CROSSING	227
05AE033	SWIFTCURRENT CREEK AT SHERBURNE	228
05AE036	LAKE SHERBURNE	236
05AE038	POTHOLE TURNOUT NEAR MAGRATH	118
05AE039	TOUCH CREEK NEAR BRAZER	188
05AE041	DRY COULEE NEAR MAGRATH	241
05AE042	NINE MILE COULEE NEAR LETHBRIDGE	70
05AE904	LEE CREEK BELOW CONFLUENCE OF EAST FORK	180
05AE912	AETNA CREEK AT HIGHWAY NO. 501	120
05AF010	MANYBERRIES CREEK AT BRODIN'S FARM	1
05AF028	CANADIAN ST. MARY CANAL AT DROP NO. 1	137
05AF029	STIRLING LAKE OUTFLOW NEAR STIRLING	46
05AF030	MILK RIVER RIDGE RESERVOIR	330
05AF031	RUSH LAKE DRAIN NEAR NEW DAYTON	149
05AF905	ETZIKOM COULEE NEAR NEMISKAM	208
05AG003	EXPANSE COULEE NEAR THE MOUTH	79
05AG005	BOW RIVER DEVELOPMENT DRAIN Y NEAR HAYS	81
05AG006	OLDMAN RIVER NEAR THE MOUTH	34
05AG007	LATERAL 10 SPILLWAY NEAR CHIN	167
05AG026	BOUNTIFUL COULEE INFLOW NEAR CRANFORD	119
05AG027	DRAIN T-1 NEAR TABER	39
05AH002	MACKAY CREEK AT WALSH	65
05AH003	ROSS CREEK NEAR IRVINE	133
05AH005	SEVEN PERSONS CREEK AT MEDICINE HAT	208
05AH035	ELKWATER LAKE AT ELKWATER	213
05AH037	GROS VENTRE CREEK NEAR DUNMORE	76
05AH041	PELICAN CREEK NEAR PAKOWKI ROAD	82
05AH042	MACKAY CREEK NEAR GRASBURN GAP	177
05AH043	MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE	134
05AH044	CAVAN LAKE DIVERSION NEAR DUNMORE	141
05AH047	SAM LAKE TRIBUTARY NEAR SCHULER	60
05AH048	CAVAN LAKE NEAR DUNMORE	211
05AH049	ROSS CREEK AT MEDICINE HAT	60
05AH050	BOXELDER CREEK AT HARGRAVE'S RANCH	207
05AJ001	SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT	37
05AJ003	DRAIN S-10 NEAR BOW ISLAND	232
05AJ004	DRAIN S-6 NEAR BOW ISLAND	67
05AK001	SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41	67
05BA001	BOW RIVER AT LAKE LOUISE	221
05BA002	PIPESTONE RIVER NEAR LAKE LOUISE	31
05BA006	JOHNSTON CREEK NEAR THE MOUTH	183
05BB001	BOW RIVER AT BANFF	106
05BB004	BREWSTER CREEK NEAR BANFF	30
05BB005	REDEARTH CREEK NEAR THE MOUTH	40
05BC001	SPRAY RIVER AT BANFF	188
05BC008	SPRAY RESERVOIR AT THREE SISTERS DAM	224
05BC009	GOAT CREEK AT BANFF PARK BOUNDARY	223
05BD003	LAKE MINNEWANKA NEAR BANFF	89
05BD004	CASCADE POWER DIVERSION NEAR BANFF	118
05BD005	CASCADE RIVER ABOVE LAKE MINNEWANKA	47
05BE004	BOW RIVER NEAR SEEBE	68
05BE005	GHOST LAKE NEAR COCHRANE	38
05BE008	BOW RIVER BELOW GHOST DAM	68
05BE067	SPRAY POWER DIVERSION AT CANMORE	33
05BF003	KANANASKIS RIVER ABOVE POCATERRA CREEK	223
05BF006	UPPER KANANASKIS LAKE	108
05BF009	LOWER KANANASKIS LAKE	244
		132

STATION NO.	NAME	PAGE
05BF013	MUD LAKE DIVERSION CANAL	186
05BF018	MARMOT CREEK MAIN STEM NEAR SEEBE	136
05BF024	BARRIER LAKE NEAR SEEBE	11
05BF025	KANANASKIS RIVER BELOW BARRIER DAM	109
05BG002	GHOST RIVER NEAR BLACK ROCK MOUNTAIN	86
05BG003	GHOST RIVER DIVERSION TO LAKE MINNEWANKA	87
05BG008	WAIPAROUS CREEK NEAR THE MOUTH	283
05BG010	GHOST RIVER ABOVE WAIPAROUS CREEK	87
05BH004	BOW RIVER AT CALGARY	30
05BH005	BOW RIVER BELOW BEARSPAW DAM	32
05BH008	JUMPINGPOUND CREEK NEAR THE MOUTH	107
05BH013	JUMPINGPOUND CREEK NEAR COX HILL	107
05BH901	NOSE CREEK NEAR THE MOUTH	185
05BH904	BEDDINGTON CREEK NEAR CALGARY	20
05BJ001	ELBOW RIVER BELOW GLENMORE DAM	75
05BJ004	ELBOW RIVER AT BRAGG CREEK	74
05BJ005	ELBOW RIVER ABOVE ELBOW FALLS	73
05BJ006	GLENMORE RESERVOIR AT CALGARY	88
05BJ009	LITTLE ELBOW RIVER ABOVE NIHAHI CREEK	125
05BJ010	ELBOW RIVER AT SARCEE BRIDGE	74
05BK001	FISH CREEK NEAR PRIDDIS	83
05BL004	HIGHWOOD RIVER BELOW LITTLE BOW CANAL	97
05BL007	STIMSON CREEK NEAR PEKISKO	229
05BL009	HIGHWOOD RIVER NEAR ALDERSYDE	98
05BL013	THREEPOINT CREEK NEAR MILLARVILLE	236
05BL014	SHEEP RIVER AT BLACK DIAMOND	214
05BL015	LITTLE BOW CANAL AT HIGH RIVER	124
05BL019	HIGHWOOD RIVER AT DIEBEL'S RANCH	97
05BL022	CATARACT CREEK NEAR FORESTRY ROAD	49
05BL023	PEKISKO CREEK NEAR LONGVIEW	178
05BL024	HIGHWOOD RIVER NEAR THE MOUTH	98
05BL025	HIGHWOOD DIVERSION CANAL NEAR HEADGATES	96
05BL027	TRAP CREEK NEAR LONGVIEW	241
05BM002	BOW RIVER BELOW CARSELAND DAM	32
05BM003	WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE	282
05BM004	BOW RIVER BELOW BASSANO DAM	31
05BM007	PARFLESH CREEK NEAR CHANCELLOR	172
05BM008	CROWFOOT CREEK NEAR CLUNY	81
05BM009	TWELVE MILE COULEE SPILLWAY NEAR CARSELAND	242
05BM012	CAIRN HILL SPILLWAY NEAR THE MOUTH	45
05BM014	WEST ARROWWOOD CREEK NEAR ARROWWOOD	280
05BM018	WEST ARROWWOOD CREEK NEAR ENSIGN	281
05BN002	TWELVE MILE CREEK NEAR CECIL	243
05BN005	NEW WEST COULEE NEAR THE MOUTH	189
05BN007	RONALANE WASTEWAY NEAR HAYS	205
05BN008	BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL	33
05BN009	BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL	34
05BN010	ANTELOPE COULEE SPILLWAY	4
05BN012	BOW RIVER NEAR THE MOUTH	37
05CA002	JAMES RIVER NEAR SUNDRE	105
05CA003	DEER CREEK (MAIN STEM) NEAR SUNDRE	84
05CA004	RED DEER RIVER ABOVE PANTHER RIVER	193
05CA009	RED DEER RIVER BELOW BURNT TIMBER CREEK	194
05CA011	BEARBERRY CREEK NEAR SUNDRE	15
05CA012	FALLENTIMBER CREEK NEAR SUNDRE	81
05CB001	LITTLE RED DEER RIVER NEAR THE MOUTH	127
05CB003	LITTLE RED DEER RIVER NEAR WATER VALLEY	128
05CB004	RAVEN RIVER NEAR RAVEN	192
05CB005	BEAVERDAM CREEK NEAR COCHRANE	18
05CB006	DICKSON RESERVOIR NEAR DICKSON	85
05CB007	DICKSON DAM TUNNEL OUTLET	85
05CC001	BLINDMAN RIVER NEAR BLACKFALDS	27
05CC002	RED DEER RIVER AT RED DEER	194
05CC003	SYLVAN LAKE AT SYLVAN LAKE	236
05CC004	GULL LAKE AT ASPEN BEACH	93
05CC007	MEDICINE RIVER NEAR ECKVILLE	145
05CC008	BLINDMAN RIVER NEAR BLUFFTON	28
05CC009	LLOYD CREEK NEAR BLUFFTON	129
05CC010	WELCH CREEK TRIBUTARY NEAR LEEDALE	280
05CC011	WASKASOO CREEK AT RED DEER	268
05CC012	TINDASTOLL CREEK NEAR MARKERVILLE	239
05CD005	BUFFALO LAKE NEAR ERSKINE	43
05CD006	HAYNES CREEK NEAR HAYNES	86
[illegible]057	PARLBY CREEK AT ALIX	173
05CD902	PARLBY CREEK NEAR MIRROR	173
05CE001	RED DEER RIVER AT DRUMHELLER	183
05CE002	KNEEHILLS CREEK NEAR DRUMHELLER	111
05CE005	ROSEBUD RIVER AT REDLAND	208
05CE006	ROSEBUD RIVER BELOW CARSTAIRS CREEK	207
05CE007	THREEHILLS CREEK NEAR CARBON	238
05CE010	RAY CREEK NEAR INNISFAIL	182
05CE011	BENWICK CREEK NEAR THREE HILLS	189
05CE018	THREEHILLS CREEK BELOW RAY CREEK	237
05CE019	SHEEP COULEE NEAR CARSTAIRS	214
05CE020	WICHICHI CREEK AT DRUMHELLER	148
05CE901	BIGELOW RESERVOIR NEAR WIMBORNE	26
05CG003	BULLPOUND CREEK NEAR THE MOUTH	43
05CG004	BULLPOUND CREEK NEAR WATTS	44
05CG006	FISH CREEK ABOVE LITTLE FISH LAKE	83
05CG007	ALBERTA POWER LIMITED COOLING POND OUTLET	2
05CH007	BERRY CREEK NEAR THE MOUTH	23
05CH008	BERRY CREEK NEAR ROSE LYNN	23
05CH011	BERRY CREEK RESERVOIR OUTLET	24
05CH012	DEADFISH INFLOW CANAL NEAR CROSSFORD	83
05CH013	FORSTER RESERVOIR NEAR CROSSFORD	86
05CH014	BERRY CREEK RESERVOIR NEAR SUNNYNOOK	24
05CH016	BERRY CREEK BELOW DEADFISH CREEK	22
05CJ001	EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO	72
05CJ003	EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM	72
05CJ004	EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM	73
05CJ005	CROWTREE CREEK NEAR PATRICIA	188
05CJ007	MATZHIWIN CREEK ABOVE WARE COULEE	140
05CJ008	WARE COULEE ABOVE MATZHIWIN CREEK	285
05CK001	BLOOD INDIAN CREEK NEAR THE MOUTH	28
05CK004	RED DEER RIVER NEAR BINDLOSS	195
05CK005	ALKALI CREEK NEAR THE MOUTH	2
05CK006	KENNEDY COULEE NEAR ACADIA VALLEY	110
05CK007	BLOOD INDIAN CREEK NEAR CABIN LAKE	26
05DA002	SIFFLEUR RIVER NEAR THE MOUTH	215
05DA007	MISTAYA RIVER NEAR SASKATCHEWAN CROSSING	181
05DA008	NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT	183
05DA010	SILVERHORN CREEK NEAR THE MOUTH	215
05DB002	PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE	188
05DB003	CLEARWATER RIVER ABOVE LIMESTONE CREEK	65
05DB005	PRAIRIE CREEK BELOW LICK CREEK	189
05DB008	CLEARWATER RIVER NEAR DOVERCOURT	66
05DC001	NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE	184
05DC002	RAM RIVER NEAR THE MOUTH	191
05DC009	LAKE ABRAHAM NEAR NORDEGG	118

STATION NO.	NAME	PAGE
05DC010	NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT	163
05DC011	NORTH RAM RIVER AT FORESTRY ROAD	163
05DC012	BAPTISTE RIVER NEAR THE MOUTH	162
05DD004	BROWN CREEK AT FORESTRY ROAD	10
05DD005	BRAZEAU RIVER BELOW BRAZEAU PLANT	41
05DD006	BRAZEAU RESERVOIR	38
05DD007	BRAZEAU RIVER BELOW CARDINAL RIVER	39
05DD008	CARDINAL RIVER NEAR THE MOUTH	40
05DD009	NORDEGG RIVER AT SUNCHILD ROAD	47
05DE002	WABAMUN LAKE AT WABAMUN	150
05DE003	WABAMUN CREEK NEAR DUFFIELD	250
05DE006	NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE	249
05DE007	ROSE CREEK NEAR ALDER FLATS	194
05DE009	TOMAHAWK CREEK NEAR TOMAHAWK	208
05DF001	NORTH SASKATCHEWAN RIVER AT EDMONTON	240
05DF003	BLACKMUD CREEK NEAR ELLERSLIE	182
05DF004	STRAWBERRY CREEK NEAR THE MOUTH	27
05DF006	WHITEMUD CREEK NEAR ELLERSLIE	231
05DF007	WHITEMUD CREEK (WEST BRANCH) NEAR IRETON	268
05EA001	STURGEON RIVER NEAR FORT SASKATCHEWAN	264
05EA005	STURGEON RIVER NEAR VILLENEUVE	232
05EA006	LAC STE. ANNE AT ALBERTA BEACH	233
05EA008	ISLE LAKE AT EUREKA BEACH	115
05EA009	ATIM CREEK NEAR SPRUCE GROVE	103
05EA010	STURGEON RIVER NEAR MAGNOLIA BRIDGE	6
05EB011	HASTINGS LAKE NEAR DEVILLE	233
05EB012	COOKING LAKE AT COOKING LAKE	84
05EB013	MINISTIK LAKE NEAR NEW SAREPTA	89
05EB014	MIQUELON LAKE AT PROVINCIAL PARK	150
05EB016	AMISK CREEK NEAR SHORTS	151
05EB902	POINTE-AUX-PINS CREEK NEAR ARDROSSAN	3
05EB909	POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN	184
05EB910	POINTE-AUX-PINS TRIBUTARY NO. 2 NEAR ARDROSSAN	184
05EB911	POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN	185
05EC002	WASKATENAU CREEK NEAR WASKATENAU	185
05EC004	NAMEPI CREEK NEAR THE MOUTH	258
05EC005	REDWATER RIVER NEAR THE MOUTH	199
05EC006	WHITE EARTH CREEK NEAR SMOKY LAKE	195
05EC907	REDWATER RIVER NEAR VIMY	263
05ED002	ATIMOSWE CREEK NEAR ELK POINT	197
05ED003	MOOSEHILLS CREEK NEAR ELK POINT	8
05EE005	STRETTON CREEK NEAR MARWAYNE	154
05EE006	VERMILION RIVER TRIBUTARY NEAR BRUCE	231
05EE007	VERMILION RIVER NEAR MARWAYNE	248
05EE008	VERMILION PARK LAKE NEAR VERMILION	248
05EE009	VERMILION RIVER AT VEGREVILLE	248
05EE913	VERMILION RIVER DRAINAGE NEAR HOLDEN	247
05FA001	BATTLE RIVER NEAR PONOKA	247
05FA013	PIGEON LAKE AT GRANDVIEW	12
05FA014	MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE	180
05FA016	COAL LAKE RESERVOIR NEAR WETASKIWIN	138
05FA018	DRIEDMEAT CREEK NEAR THE MOUTH	56
05FA019	PIGEON LAKE CREEK NEAR USONA	56
05FA020	DRIEDMEAT LAKE AT OUTFLOW	180
05FA022	PIPESTONE CREEK BELOW BIGSTONE CREEK	69
05FA024	WEILLER CREEK NEAR WETASKIWIN	182
05FA812	MUSKEG CREEK NEAR WESTEROSE	259
05FB002	IRON CREEK NEAR HARDISTY	157
05FB003	IRON CREEK NEAR VIKING	102
05FC001	BATTLE RIVER NEAR FORESTBURG	102
05FC002	BIGKNIFE CREEK NEAR GADSBY	12
05FC004	PAINTEARTH CREEK NEAR HALKIRK	25
05FC005	REDWILLOW CREEK NEAR RED WILLOW	172
05FC006	MEETING CREEK NEAR DONALDA	197
05FC007	YOUNG CREEK NEAR CASTOR	145
05FD001	RIBSTONE CREEK NEAR EDGERTON	271
05FD005	RIBSTONE CREEK NEAR CZAR	200
05FD006	RIBSTONE CREEK TRIBUTARY NEAR CORONATION	200
05FE002	BUFFALO CREEK AT HIGHWAY NO. 41	201
05FE004	BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	42
05GA003	MONITOR CREEK NEAR MONITOR	13
05GA004	SOUNDING CREEK NEAR DYER	163
05GA010	KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN	218
05GA011	MONITOR CREEK NEAR CONSORT	110
05GA012	SOUNDING CREEK NEAR CHINOOK	162
05GA013	LOYALIST CREEK NEAR CONSORT	219
05AA001	BEAVER RIVER NEAR GOODRIDGE	132
05AA002	AMISK RIVER AT HIGHWAY NO. 36	16
05AA003	BEAVER LAKE AT RANGER STATION	3
05AA004	COLUMBINE CREEK NEAR THE MOUTH	16
05AB001	SAND RIVER NEAR THE MOUTH	56
05AB002	WOLF RIVER AT OUTLET OF WOLF LAKE	212
05AB003	PUNK CREEK NEAR THE MOUTH	270
05AC001	JACKFISH CREEK NEAR LA COREY	190
05AC002	MOORE LAKE NEAR COLD LAKE	103
05AC003	HILDA LAKE NEAR COLD LAKE	164
05AC004	ETHEL LAKE NEAR COLD LAKE	99
05AC005	MARIE LAKE NEAR COLD LAKE	79
05AC008	MOOSELAKE RIVER NEAR FRANCHERE	138
05AC007	MURIEL LAKE AT GURNEYVILLE	185
05AC008	MANATOKAN CREEK NEAR IRON RIVER	157
05AD006	BEAVER RIVER AT COLD LAKE RESERVE	137
05AD013	REITA CREEK NEAR OUTLET OF ANGLING LAKE	17
05AF002	COLD LAKE AT COLD LAKE	189
05AF004	MARTINEAU RIVER ABOVE COLD LAKE	67
07AA001	MIETTE RIVER NEAR JASPER	139
07AA002	ATHABASCA RIVER NEAR JASPER	147
07AA004	MALIGNE RIVER NEAR JASPER	6
07AA007	SUNWAPTA RIVER AT ATHABASCA GLACIER	136
07AA008	WHIRLPOOL RIVER NEAR THE MOUTH	234
07AB002	SNAKE INDIAN RIVER NEAR THE MOUTH	262
07AC001	WILDHAY RIVER NEAR HINTON	216
07AC007	BERLAND RIVER NEAR THE MOUTH	268
07AC008	LITTLE BERLAND RIVER AT HIGHWAY NO. 40	22
07AD002	ATHABASCA RIVER AT HINTON	124
07AD003	WHISKEYJACK CREEK NEAR HINTON	8
07AE001	ATHABASCA RIVER NEAR WINDFALL	263
07AF002	MCLEOD RIVER ABOVE EMBARRAS RIVER	7
07AF003	WAMPUS CREEK NEAR HINTON	142
07AF004	DEERLICK CREEK NEAR HINTON	263
07AF005	EUNICE CREEK NEAR HINTON	84
07AF010	SUNDANCE CREEK NEAR BICKERDIKE	80
07AF013	MCLEOD RIVER NEAR CADOMIN	234
07AF014	EMBARRAS RIVER NEAR WEALD	143
07AF015	GREGG RIVER NEAR THE MOUTH	78
07AF907	ERITH RIVER BELOW HAHLAN CREEK	91
07AF908	EMBARRAS RIVER AT ROBB	78
07AF910	WHITEHORSE CREEK NEAR CADOMIN	78
07AG003	WOLF CREEK AT HIGHWAY NO. 16A	254
		269

STATION NO.	NAME	PAGE
07AE004	MCLEOD RIVER NEAR WHITECOURT	144
07AE007	MCLEOD RIVER NEAR ROSEVEAR	143
07AE008	GROAT CREEK NEAR WHITECOURT	92
07AH001	FREEMAN RIVER NEAR FORT ASSINIBOINE	88
07AH002	CHRISTMAS CREEK NEAR BLUE RIDGE	83
07AH003	SAKWATAMAU RIVER NEAR WHITECOURT	210
07BA001	PEMBINA RIVER BELOW PADDY CREEK	178
07BA002	RAT CREEK NEAR CYNTHIA	181
07BA003	LOVETT RIVER NEAR THE MOUTH	131
07BB002	PEMBINA RIVER NEAR ENTWISTLE	178
07BB004	PADDLE RIVER NEAR ROCHFORT BRIDGE	170
07BB005	LITTLE PADDLE RIVER NEAR MAYERTHORPE	127
07BB006	PADDLE RIVER AT BARRHEAD	169
07BB007	LAC LA NONNE AT LAC LA NONNE	114
07BB008	CHIP LAKE AT OUTLET TO LOBSTICK RIVER	52
07BB009	CONNOR CREEK NEAR SANGUDO	58
07BB011	PADDLE RIVER NEAR ANSELMO	170
07BB012	PADDLE RIVER NEAR SANGUDO	171
07BB013	PADDLE RIVER AT HIGHWAY NO. 754	169
07BB014	COYOTE CREEK NEAR CHERNILL	60
07BB903	ROMEO CREEK ABOVE ROMEO LAKE	205
07BB914	PADDLE RIVER RESERVOIR NEAR ROCHFORT BRIDGE	171
07BC002	PEMBINA RIVER AT JARVIE	178
07BC005	STEELE LAKE NEAR JARVIE	228
07BC006	DAPP CREEK AT HIGHWAY NO. 44	82
07BC007	WABASH CREEK NEAR PIBROCH	251
07BE001	ATHABASCA RIVER AT ATHABASCA	5
07BE002	BAPTISTE LAKE NEAR ATHABASCA	9
07BE003	PORTER CREEK ABOVE BAPTISTE LAKE	187
07BE004	STONY CREEK NEAR TAWATINAW	230
07BF001	EAST PRAIRIE RIVER NEAR ENILDA	71
07BF002	WEST PRAIRIE RIVER NEAR HIGH PRAIRIE	261
07BF006	WINAGAMI LAKE AT PROVINCIAL PARK	269
07BF008	SOUTH HEART RESERVOIR NEAR MCLENNAN	221
07BF009	SALT CREEK NEAR GROUARD	211
07BG004	LILY CREEK NEAR SLAVE LAKE	123
07BJ001	SWAN RIVER NEAR KINUSO	236
07BJ002	LESSER SLAVE LAKE AT FAUST	121
07BJ003	SWAN RIVER NEAR SWAN HILLS	238
07BJ004	ADAMS CREEK NEAR KINUSO	1
07BJ008	LESSER SLAVE LAKE AT SLAVE LAKE	121
07BK005	SAULTEAUX RIVER NEAR SPURFIELD	212
07BK006	LESSER SLAVE RIVER AT HIGHWAY NO. 2A	122
07BK007	DRIFTWOOD RIVER NEAR THE MOUTH	89
07BK008	PAWCETT LAKE NEAR SMITH	82
07BK009	SAWRIDGE CREEK NEAR SLAVE LAKE	213
07CA003	FLAT CREEK NEAR BOYLE	84
07CA004	LAC LA BICHE AT LAC LA BICHE	114
07CA005	PINE CREEK NEAR GRASSLAND	181
07CA006	WANDERING RIVER NEAR WANDERING RIVER	254
07CA009	BABETTE CREEK NEAR COLINTON	9
07CA011	LA BICHE RIVER AT HIGHWAY NO. 63	113
07CA012	LOGAN RIVER NEAR THE MOUTH	130
07CA013	OWL RIVER BELOW PICHE RIVER	188
07CB001	CALLING LAKE AT RANGER STATION	46
07CB002	HOUSE RIVER AT HIGHWAY NO. 63	101
07CD001	CLEARWATER RIVER AT DRAPER	95
07CD004	HANGINGSTONE RIVER AT FORT MCMURRAY	93
07CD005	CLEARWATER RIVER ABOVE CHRISTINA RIVER	94
07CE001	GREGOIRE LAKE NEAR FORT MCMURRAY	91
07CE002	CHRISTINA RIVER NEAR CHARD	53
07CE003	PONY CREEK NEAR CHARD	188
07CE004	ROBERT CREEK NEAR ANIAC	203
07CE005	JACKFISH RIVER BELOW CHRISTINA LAKE	104
07CE006	BIRCH CREEK NEAR CONKLIN	28
07DA001	ATHABASCA RIVER BELOW MCMURRAY	6
07DA005	STEEPBANK RIVER NEAR FORT MCMURRAY	229
07DA008	MUSKEG RIVER NEAR FORT MACKAY	158
07DA009	HARTLEY CREEK NEAR FORT MACKAY	94
07DA011	UNNAMED CREEK NEAR FORT MACKAY	244
07DA016	JOSLYN CREEK NEAR FORT MACKAY	108
07DA018	BEAVER RIVER ABOVE SYNCRUDE	17
07DB001	MACKAY RIVER NEAR FORT MACKAY	135
07DB005	MACKAY RIVER ABOVE DUNKIRK RIVER	134
07DC001	FIREBAG RIVER NEAR THE MOUTH	82
07DD002	RICHARDSON RIVER NEAR THE MOUTH	201
07DD003	EMBARRAS RIVER BELOW DIVERGENCE	77
07DD007	ATHABASCA RIVER ABOVE JACKFISH CREEK	4
07DD011	ATHABASCA RIVER NEAR OLD FORT	7
07FD003	PEACE RIVER AT DUNVEGAN BRIDGE	174
07FD005	SADDLE RIVER NEAR WOKING	208
07FD006	HINES CREEK NEAR FAIRVIEW	100
07FD009	CLEAR RIVER NEAR BEAR CANYON	84
07FD011	HINES CREEK ABOVE GERRY LAKE	89
07FD012	MONTAGNEUSE RIVER NEAR HINES CREEK	163
07FD013	EUREKA RIVER NEAR WORSLEY	80
07FD014	WAINSCOTT COULEE NEAR BROWNVALE	252
07FD810	RYCROFT SURVEY NO. 3 NEAR RYCROFT	209
07FD813	YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER	271
07FD821	VIXEN CREEK NEAR BELLOY	248
07GA001	SMOKY RIVER ABOVE HELLS CREEK	217
07GA002	MUSKEG RIVER NEAR GRANDE CACHE	158
07GB001	CUTBANK RIVER NEAR GRANDE PRAIRIE	62
07GB002	KAKWA RIVER NEAR GRANDE PRAIRIE	108
07GC002	PINTO CREEK NEAR GRANDE PRAIRIE	162
07GD001	BEAVERLODGE RIVER NEAR BEAVERLODGE	15
07GD002	BEAVERTAIL CREEK NEAR HYTHE	15
07GD003	REDWILLOW RIVER NEAR BEAVERLODGE	198
07GE001	WAPITI RIVER NEAR GRANDE PRAIRIE	264
07GE002	KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE	111
07GE003	GRANDE PRAIRIE CREEK NEAR SEXSMITH	90
07GE004	BEAR LAKE NEAR CLAIRMONT	14
07GE005	BEAR RIVER NEAR GRANDE PRAIRIE	15
07GE006	COLQUHOUN CREEK NEAR GRANDE PRAIRIE	57
07GE007	BEAR CREEK NEAR VALHALLA CENTRE	14
07GF001	SIMONETTE RIVER NEAR GODDWIN	216
07GF002	SPRING CREEK NEAR VALLEYVIEW	225
07GF003	WOLVERINE CREEK NEAR VALLEYVIEW	270
07GF004	SPRING CREEK (UPPER) NEAR VALLEYVIEW	224
07GF005	BRIDLEBIT CREEK NEAR VALLEYVIEW	41
07GF006	ROCKY CREEK NEAR VALLEYVIEW	204
07GF007	HORSE CREEK NEAR VALLEYVIEW	100
07GF008	DEEP VALLEY CREEK NEAR VALLEYVIEW	83
07GG001	WASKAHIGAN RIVER NEAR THE MOUTH	255
07GG002	LITTLE SMOKY RIVER AT LITTLE SMOKY	128
07GG003	IOSEGUN RIVER NEAR LITTLE SMOKY	101
07GH002	LITTLE SMOKY RIVER NEAR GUY	128
07GH003	STURGEON LAKE AT WILLIAMSON PARK	232
07GH004	PEAVINE CREEK NEAR PALMER	178

STATION NO.	NAME	PAGE
07BH005	WABAYANISK CREEK AT HIGHWAY NO. 975	253
07EJ001	SMOKY RIVER AT WATINO	253
07EJ005	LALBY CREEK NEAR GIROUXVILLE	217
07HA001	PEACE RIVER AT PEACE RIVER	119
07HA002	HEART RIVER NEAR HAMPA	175
07HA005	WHITEMUD RIVER NEAR DIXONVILLE	98
07HA802	KRAWCHUK DRAINAGE NEAR MCLENNAN	285
07HB001	CADOTTE RIVER AT OUTLET CADOTTE LAKE	112
07HB002	ELDER CREEK AT HIGHWAY NO. 686	44
07HC001	NOTIKEWIN RIVER AT MANNING	78
07HC002	BUCHANAN CREEK NEAR MANNING	185
07HF001	PEACE RIVER AT FORT VERMILION	42
07HF002	KEG RIVER AT HIGHWAY NO. 35	174
07JA001	UTIKUMA LAKE NEAR NIPISI	109
07JA002	SOUTH WABASCA LAKE NEAR DESMARAIS	245
07JA003	WILLOW RIVER NEAR WABASCA	232
07JB001	PEERLESS LAKE NEAR PEERLESS LAKE	268
07JB002	WABASCA RIVER BELOW TROUT RIVER	177
07JC001	LAFOND CREEK NEAR RED EARTH CREEK	261
07JC002	REDEARTH CREEK NEAR RED EARTH CREEK	115
07JD002	WABASCA RIVER AT WADLIN LAKE ROAD	185
07JD003	JACKPINE CREEK AT WADLIN LAKE ROAD	250
07JD004	TEEPEE CREEK NEAR LA CRETE	104
07JF002	BOYER RIVER NEAR FORT VERMILION	237
07JF003	PONTON RIVER ABOVE BOYER RIVER	38
07JF004	BOYER RIVER NEAR PADDLE PRAIRIE	146
07KC001	PEACE RIVER AT PEACE POINT	36
07KC005	PEACE RIVER BELOW CHANEL DES QUATRE FOURCHES	175
07KE001	BIRCH RIVER BELOW ALICE CREEK	176
07KF001	CHANEL DES QUATRE FOURCHES AT QUATRE FOURCHES	26
07KF002	LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER	61
07KF003	MAMAWI LAKE CHANNEL AT OLD DOG CAMP	117
07KF015	EMBARRAS RIVER BREAKTHROUGH TO MAMAWI LAKE	136
07MB001	LAKE ATHABASCA AT FORT CHIPEWYAN	77
07MB002	LAKE ATHABASCA AT BUSTARD ISLAND	117
07NA001	RIVIERE DES ROCHERS ABOVE SLAVE RIVER	116
07NA007	RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS	202
07NA008	RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS	202
07NB001	SLAVE RIVER AT FITZGERALD	203
07NB008	DOG RIVER NEAR FITZGERALD	218
07OA001	SOUSA CREEK NEAR HIGH LEVEL	88
07OB002	HAY RIVER NEAR MEANDER RIVER	220
07OB004	STEEN RIVER NEAR STEEN RIVER	95
07OB006	LUTOSE CREEK NEAR STEEN RIVER	226
07OC001	CHINCHAGA RIVER NEAR HIGH LEVEL	133
11AA001	NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY	83
11AA005	MILK RIVER AT MILK RIVER	181
11AA025	MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY	148
11AA026	SAGE CREEK AT O RANCH NEAR WILDHORSE	149
11AA028	BEAR CREEK NEAR INTERNATIONAL BOUNDARY	210
11AA029	MINERS COULEE NEAR INTERNATIONAL BOUNDARY	13
11AA031	MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY	150
11AA032	NORTH FORK MILK RIVER ABOVE ST. MARY CANAL	148
11AA033	SOUTH FORK MILK RIVER NEAR BABB	181
11AA034	VERDIGRIS COULEE NEAR THE MOUTH	220
11AA038	VERDIGRIS LAKE TRIBUTARY NEAR MILK RIVER	246
11AB008	MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY	248
11AB090	REESOR RESERVOIR NEAR ELKWATER	147
11AB091	MICHEL RESERVOIR NEAR ELKWATER	198
11AB092	GREASEWOOD RESERVOIR NEAR ELKWATER	148
11AB094	BARE CREEK RESERVOIR NEAR ELKWATER	90
11AB097	CRESSDAY RESERVOIR NEAR CRESSDAY	10
11AB098	JAYDOT RESERVOIR NEAR JAYDOT	80
11AB099	MITCHELL RESERVOIR NEAR ELKWATER	105
11AB104	MASSY RESERVOIR NEAR ELKWATER	152
11AB902	LODGE CREEK AT HIGHWAY NO. 41	140
		130